

APPROVED
NAVY TRAINING PLAN
FOR THE
AIM-9M SIDEWINDER MISSILE SYSTEM
(FOR MODELS THROUGH AIM-9M-8)
A-50-8105B/A
JANUARY 1997

AIM-9M SIDEWINDER MISSILE SYSTEM
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TABLE OF CONTENTS

Executive Summary.....	iii
Introduction	iv
List of Acronyms.....	v
PART I - TECHNICAL PROGRAM DATA	
A. Title-Nomenclature-Program.....	I-1
B. Security Classification.....	I-1
C. NTP Principals.....	I-1
D. Operational Uses.....	I-2
E. Technical and/or Operational Evaluation.....	I-2
F. Equipment/System/Subsystem Replaced.....	I-2
G. Description.....	I-2
H. New Features, Configuration, or Material.....	I-4
I. Concepts.....	I-4
J. Logistics.....	I-5
K. Schedules.....	I-6
L. Manpower Requirements.....	I-7
M. Training Concept.....	I-8
N. On-Board Training.....	I-18
O. List of Related Navy Training Plans and Applicable Documents.....	I-19
PART II - BILLET AND PERSONNEL REQUIREMENTS.....	II-1
PART III - TRAINING REQUIREMENTS.....	III-1
PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS.....	IV-1
PART V - MAJOR MILESTONES.....	V-1
PART VI - ACTION AND/OR DECISIONS.....	VI-1
PART VII - POINTS OF CONTACT.....	VII-1

AIM-9M SIDEWINDER MISSILE SYSTEM

EXECUTIVE SUMMARY

The AIM-9 series Sidewinder Missile is a short-range, air-to-air missile whose mission is to detect, home-in, intercept, and destroy enemy aircraft. The AIM-9L missile evolved because of a combined Navy and Air Force effort to develop an air-to-air missile with a greater tracking rate and tighter turn capability than earlier series missiles. The missile featured an improved target detector that enhanced its effectiveness in short range combat scenarios.

The AIM-9M missile evolution has been driven by the AIM-9L Product Improvement Program (PIP) and developed into full-scale development, test, and evaluation program during FY78/79. The first AIM-9M variant, the AIM-9M-1, was fielded in FY 82. The Guidance Control Section (GCS) is the only component unique to the AIM-9M, which, prior to the AIM-9M-8, has three Navy variants: AIM-9M-1 or AIM-9M-3 (both use the same GCS), AIM-9M-4, and AIM-9M-6. The AIM-9M-8 contains the latest GCS variant which improves Navy warfighting capability over earlier AIM-9M variants to counter infrared (IR) countermeasures (CM) from aerial threats. The first AIM-9M-8 was fielded in FY 95.

The AIM-9M-8 upgrade affects only the AIM-9M GCS through the replacement of five circuit cards and the associated parentboard. Based on the nature of this change, there is no impact to organizational or intermediate level maintenance with regard to manpower level, personnel skills, or training. All-Up-Round (AUR) depot level maintenance is not impacted with regard to manpower level or personnel skills, but is impacted with regard to training by the associated test set upgrade, the AN/DSM-152B. The AN/DSM-152 Operation and Maintenance course has been updated to reflect the AN/DSM-152B. Aircrew and operators are not impacted with regard to manpower level or personnel skills, but are impacted with regard to training by the additional missile status tones. The Naval Air Warfare Center, Weapons Division (NAWCWD) China Lake, developed a familiarization video to introduce the new capability to squadrons, and PMA205 and TOPGUN are developing Interactive Courseware (ICW) to support missile status tone training.

The improved AIM-9M-8 Sidewinder will not alter the manning requirements at organizational, intermediate, or Weapon Stations maintenance activities. Existing skills are adequate to maintain the AIM-9M-8. No new Navy Enlisted Classifications (NEC) or Marine Corps Military Occupational Specialties (MOS) will be needed to support the AIM-9M-8. There is no manpower impact related to AIM-9M-8.

AIM-9M SIDEWINDER MISSILE SYSTEM

INTRODUCTION

This Navy Training Plan (NTP) was developed to update the previous version of AIM-9 Sidewinder Missile System NTP, A-50-8105A dated 9 Nov 89, and to identify the lifecycle Manpower, Personnel, and Training (MPT) requirements associated with the AIM-9 Sidewinder Missile System. This edition identifies the training impacts caused by the modification of the AIM-9M to the AIM-9M-8.

Information was obtained as a result of fleet comments received in July 1995 that have been incorporated into this document.

LIST OF ACRONYMS

ACNO	Assistant Chief Of Naval Operations
AIMD	Aviation Intermediate Maintenance Department
AO	Aviation Ordnanceman
AT	Aviation Electronics Technician
AUR	All-Up-Round
BCM	Beyond the Capability of Maintenance
BUPERS	Bureau of Personnel
CATM	Captive Air Training Missile
CCM	Counter-countermeasures
CEST	Classroom EOD System Trainer
CNO	Chief of Naval Operations
CV	Aircraft Carrier
CVN	Aircraft Carrier, Nuclear
DATM	Dummy Air Training Missile
DMSO	Director, Major Staff Office
DRP	Designated Repair Point
EOD	Explosive Ordnance Disposal
EODTEU	Explosive Ordnance Disposal Technical Evaluation Unit
ETS	Engineering and Technical Services
FMS	Foreign Military Sales
FREST	Fleet Replacement Enlisted Skills Training
FRS	Fleet Readiness Squadron
FY	Fiscal Year
GCS	Guidance Control Section
ICW	Interactive Courseware
ILSP	Integrated Logistics Support Plan
IR	Infrared
IRCM	Infrared Countermeasures
IUT	Instructor Under Training
MALS	Marine Aviation Logistics Squadron
MATMEP	Maintenance Aviation Training Management and Evaluation Program
MCAF	Marine Corps Air Facility
MCAS	Marine Corps Air Station
MOS	Military Occupational Specialty
MTIP	Maintenance Training Improvement Program
MTU	Maintenance Training Unit
NAMTG	Naval Air Maintenance Training Group
NAS	Naval Air Station
NATM	Special Test Air Training Missile

LIST OF ACRONYMS (Continued)

NAVAIRSYSCOM	Naval Air Systems Command
NAVSCOLEOD	Navy Explosive Ordnance Disposal School
NAVWPNSUPPCEN	Naval Weapons Support Center
NAWCWD	Naval Air Warfare Center Weapons Division
NAWCWPNS	Naval Air Warfare Weapons Center
NAWMP	Naval Airborne Weapons Maintenance Program
NAWMU	Naval Airborne Weapons Maintenance Unit
NEC	Navy Enlisted Classification
NFO	Navy Flight Officer
NSAWC	Naval Strike Air Warfare Center
NSWC-IH	Naval Surface Warfare Center - Indian Head
NOBC	Navy Officer Billet Code
NTP	Navy Training Plan
NWS	Naval Weapons Station
OJT	On the Job Training
PDA	Principal Development Activity
PEST	Practical EOD Systems Trainer
PIP	Product Improvement Program
PMA	Program Manager, Air
S-A	Safety-Arming
SELRES	Selected Reserves
SFTI	Strike Fighter Tactics Instructor
SFTS	Strike Fighter Training System
SFWSL	Strike Fighter Weapons School Atlantic
SFWSP	Strike Fighter Weapons School Pacific
SFWT	Strike Fighter Weapons and Tactics
TA	Training Agent
TBD	To Be Determined
TD	Training Device
TTE	Technical Training Equipment
TSA	Training Support Agent
USAF	United States Air Force
USN	United States Navy
USMC	United States Marine Corps

PART I - TECHNICAL PROGRAM DATA

NTP Number: A-50-8105B/A

Date: January 1997

A. TITLE-NOMENCLATURE-PROGRAM

1. Title-Nomenclature-Acronym. AIM-9M Sidewinder Missile System.

2. Program Element. 64354N.

B. SECURITY CLASSIFICATION. Security documents are developed in accordance with OPNAVINST C5513.2B dated 15 October 1992.

1. Missile - Secret
2. Missile Avionics - Secret
3. NTP - Unclassified

C. NTP PRINCIPALS

1. Assistant Chief of Naval Operations (ACNO)/
Director Major Staff Office (DMSO) Program
Sponsor CNO (N88)
2. ACNO/DMSO Resource Sponsor CNO (N88OC)
3. Principal Development Activity (PDA) NAVAIRSYSCOM (PMA259)
4. Training Agents (TA) CINCLANTFLT
CINCPACFLT
CNET (T4525)
MCCDC
5. Training Support Agent (TSA) NAVAIRSYSCOM (PMA205-5)
6. Manpower and Personnel (M&P) Mission
Sponsor..... CNO (N1)
7. Director of Naval Training CNO (N7)
8. Bureau of Naval Personnel (BUPERS)..... BUPERS (PERS-4,
PERS-40)
9. Commandant of the Marine Corps
Manpower Management (CMC MM) CMC (ASM)

D. OPERATIONAL USES

1. **Purpose.** The AIM-9 series Sidewinder Missile is a short-range air-to-air missile. The missile is used to track, home-in on, intercept, and destroy enemy aircraft.

The AIM-9M-8/9 upgrade retrofits Sidewinder Missiles from the AIM-9M-1/3/4/6 to the AIM-9M-8 configuration for the Navy and the AIM-9M-9 for the United States Air Force (USAF). For the purpose of this Navy Training Plan (NTP), only the AIM-9M-8 is addressed. The change incorporates electronics processing modifications to improve the tracking capabilities against modern infrared Countermeasures (IRCM).

2. **Foreign Military Sales (FMS) and Other Source Procurement.** The AIM-9M-8/9 is approved for FMS to Britain, Canada, and Australia. For detailed FMS information, contact PMA259.

E. TECHNICAL/OPERATIONAL EVALUATION (TECHEVAL/OPEVAL). Developmental testing for the AIM-9M-8 was conducted during third quarter FY91 by Naval Air Warfare Center, Weapons Division, Point Mugu (NAWCWD PM). Operational testing for the AIM-9M-8 began in the fourth quarter FY92 and was decertified in the first quarter of FY93. An operational test and readiness review was conducted in the second quarter of FY93, and operational testing resumed in the third quarter of FY93. The Operational assessment (OT-IIA) was conducted by VX-4. Operational evaluation (OT-IIB) was conducted by VX-5.

F. EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED. The AIM-9M-8 modification replaces circuit card assemblies in the electronics assembly of the guidance control section.

G. DESCRIPTION. The AIM-9M and the AIM-9M-8 Sidewinder Missiles are similar. The only significant difference between the two missiles is the Guidance Control Section (GCS). The AIM-9M-8 features improved tracking capabilities against modern IRCMs. The AIM-9M-8 modification changes the electronics assembly of the GCS.

1. **Functional Description.** Sidewinder is a supersonic, air-to-air, guided missile that contains an Infrared (IR), passive homing target detector, proportional navigational guidance, and a torque-balance control system. The missile is propelled by a solid-propellant rocket motor. The AIM-9M is configured with an annular blast fragmentation warhead. Aerodynamic lift and stability for the missile are provided by four wings. Rollerons on each wing reduce the roll rate and flutter. Airframe maneuvering is accomplished by four fins mounted in line with and forward of the wings and is activated by the torque-balance servo system. The AIM-9 Sidewinder Missile is comprised of the following components:

a. **Guidance Control Section (GCS).** All AIM-9M GCS are comprised of three major assemblies; a seeker assembly for detecting and tracking the target; an electronics assembly for processing detected target information; and a servo assembly that transforms electrical tracking signals to mechanical movement of the fins. An umbilical cable assembly provides electrical interface between the missile GCS and the aircraft launcher. The umbilical

cable also allows the flow of coolant from the LAU-7 to the missile GCS. AIM-9M GCS versions include the WGU-4A/B used in the AIM-9M-1 and AIM-9M-3, the WGU-4C/B used in the AIM-9M-4, the WGU-4D/B used in the AIM-9M-6, and the WGU-4E/B GCS used in the AIM-9M-8. The WGU-4E/B GCS uses advanced technology that has evolved through the WGU-4D/B development, while expanding the potential of the IRCM detection circuitry and improving the missile's capability with respect to tactical IRCM deployment.

b. Target Detectors, DSU-15/B, DSU-15A/B, DSU-15B/B. These target detectors are narrow-beam, active optical-proximity fuze systems designed to detect the presence of a target and initiate warhead detonation. Major components within the target detectors are a transmitter that emits four narrow fan-shaped beams through four lenses, a laser receiver that detects reflected energy, signal processing circuitry to initiate detonation, and a thermal battery to provide internal power after missile launch. All target detectors are interchangeable in the AIM-9M design; however, only the DSU-15B/B and DSU-15/B are compatible with the Special Test Air Training Missile (NATM)-9M-2, NATM-9M-3, and NATM-9M-4 configurations, because they feature a communication tube that allows routing of the telemetry cable assembly.

c. Safety-Arming (S-A) Device, MK 13 Mod 2. The S-A device is designed to arm the Sidewinder Missile at a safe distance from the launch aircraft and to detonate the warhead upon command from the Target Detector or GCS. The major components of the S-A device are an interrupted explosive train, an acceleration arming device and associated electrical switches. The S-A device has two windows: the forward window allows viewing of the launch latch to verify proper engagement, while the aft window allows viewing of the SAFE/ARM indicator.

d. Warhead, WDU-17/B. The warhead provides the destructive force of the missile. The warhead consists of a case assembly, two booster plates, high explosives, an initiator, and fragmentation rods. Exercise Warheads (smoke/flash) WDU-9A/B, are used in NATMs.

e. Rocket Motor, Mk 36 Mods 7/8/9/10/11 . The rocket motor provides the propulsion for sustained flight of the missile. The Mk 36 Mods 7 through 11 are solid-propellant, high-thrust rocket motors that comprise the aft end of the AIM-9M.

f. Wings, Mk 1 Mods 0/1/2. Four wings, attached to the aft end of the rocket motor, provide aerodynamic lift and stability for the missile during flight. Each wing has a rolleron assembly that is uncaged during free flight to provide roll (rate) stabilization.

g. Fins, BSU-32/B. Four fins, attached to the GCS, provide a lift force on the forward airframe proportional to the input signal from the seeker, missile velocity, and altitude. The fins are electrically actuated and pneumatically controlled by a servo system in the aft portion of the GCS.

2. Physical Description. The physical and electrical characteristics of the Sidewinder missile are as follows:

Length (AIM-9M).....	113.1 inches
Diameter	5.0 inches
Wing Span	25.2 inches
Weight (AIM-9M).....	188.2 pounds
Power Requirements (external)	115 VAC 400 HZ and 28 VDC

Power Requirements (internal) 27 VDC thermal battery

3. Introduction. The AIM-9M-8 missile is being introduced into the Navy inventory through an AIM-9M retrofit program. The Navy began receiving WGU-4E/B GCSs in fourth quarter FY94 and had AIM-9M-8 All Up Rounds (AUR) available for issue by second quarter FY95.

4. Significant Interfaces. N/A

H. NEW FEATURES, CONFIGURATION, OR MATERIAL. The AIM-9M-8 features improved tracking capabilities against modern IRCM and provides new missile status tones (audio cues) to the operator (pilot).

I. CONCEPTS

1. Maintenance Concept. The AIM-9 maintenance objective is to assure that AURs are available to fulfill commitments of operational activities, and to provide the means to restore unserviceable missiles to serviceable condition with minimal downtime. Maintenance functions are allocated to three levels of maintenance as defined in the Naval Airborne Weapons Maintenance Program (NAWMP), OPNAVINST 8600.2(Series) Volume II.

a. Organizational Level Maintenance. Organizational level maintenance, performed at the squadron, is limited to visual inspections, launcher functional checks, replacement of launcher nitrogen receiver assemblies, loading and downloading of the missile, installation and removal of accessory items such as safety and protection devices, performance of the IR source test and tracking and recording of captive flight time. Missiles requiring maintenance are returned to the intermediate level maintenance activity for maintenance or disposition.

b. Intermediate Level Maintenance. Intermediate level maintenance, performed at the Aviation Intermediate Maintenance Department (AIMD), by Naval Airborne Weapons Maintenance Units (NAWMUs), and by Marine Aviation Logistics Squadrons (MALS) is limited to packing and unpacking inspections, cleaning, paint touch-up, preservation, removal and installation of wings and fins, replacement of specified parts, and servicing of the nitrogen receiver. Tactical missiles and training components which are Beyond the Capability of Maintenance (BCM) of the intermediate level are returned to AUR depot level maintenance for repair or disposition.

c. AUR Depot Level Maintenance. AUR depot level maintenance, performed at Naval Weapons Stations (NWS) Fallbrook and Yorktown and by NAWMU-1, is intended to provide repair capability for missile components BCM at the intermediate level. Maintenance includes AUR packing and unpacking, AUR assembly and disassembly, missile processing, wings and fins maintenance, S-A device maintenance and Sidewinder container maintenance.

d. Section/Component Maintenance. The Sidewinder program has implemented depot level repair capabilities at appropriate Designated Repair Points (DRP) within the joint services' missile maintenance activities. This approach takes full advantage of existing capabilities. The Navy DRP function for the Sidewinder GCS is Letterkenny Army Depot. The Naval Surface Warfare Center Indian Head (NSWC-IH) provides DRP functions for the propulsion

section. Naval Weapon Stations (NWS) Fallbrook and Yorktown are the DRPs for the mechanical items such as wings, fins, and containers. Naval Weapons Support Center (NAVWPNSUPPCEN) Crane is the DRP for the Target Detector and the S-A device.

e. Technical Assistance. Naval Air Warfare Center Weapons Division (NAWCWD) Engineering and Technical Services (ETS) personnel will provide AIM-9M-8 technical assistance as required to organizational and intermediate activities. NAWCWD ETS personnel will also provide On-the-Job Training (OJT) for organizational level and intermediate level maintenance personnel. Operational updates and briefings for flight crews are provided by Naval Strike Air Warfare Center (NSAWC) TOPGUN personnel.

f. Interim Depot Maintenance Support. Commercial Repair Basic Ordering Agreements with Raytheon and Loral are being prepared to augment AIM-9M-8 GCS repair workload until Letterkenny Army Depot attains the capability to handle the aggregate United States Navy (USN), USAF, FMS AIM-9M-8 GCS repair workload. It is estimated that the interim commercial repair support will not be needed after FY97.

2. Operational Concept. The AIM-9M-8 is designed to be deployed with Navy and Marine Corps tactical aircraft. The AIM-9M-8 is intended for use by F-14, F/A-18, and AV-8B aircraft. The missile is also compatible with the AH-1 aircraft. The Sidewinder Missile is used during air-to-air combat evolutions. The missile is launched from an aircraft after target detection to home-in, intercept, and destroy enemy aircraft.

3. Manning Concept. The AIM-9M-8 Sidewinder Missile will not alter the manning requirements at organizational, intermediate, or depot level maintenance activities. Manning requirements are based on total workload requirements for a specific work center, and the skills needed to perform maintenance on the systems supported by that work center's personnel. The retrofit of the AIM-9M-8 GCS will not alter the workload of activities involved with the Sidewinder Missile. Existing skills are adequate to maintain the AIM-9M-8. No new Navy Enlisted Classification (NEC) or Military Occupational Specialty (MOS) will be required.

J. LOGISTICS

1. Manufacturer/Contract Number. Seven procurable components comprise the Sidewinder Missile as shown in Table I-1:

PART	MANUFACTURER	CONTRACT NUMBER
Guidance Control Section	Raytheon	N00019-93-C-0169
	Loral	N00019-94-C-0138
Target Detector	Raytheon	N00019-90-C-0243
Safety-Arming Device	Piqua	N00019-90-C-0235
	Raymond	N00019-94-C-0271

Warhead Section	Ensign Bickford	N00019-95-C-0084
Propulsion Section	Thiokol	N00019-94-C-0045
Wings	DRI	N00019-94-C-0031
Fins	Lockley	N00019-95-C-0188

Table I-1. Sidewinder Component Manufacturers.

2. Integrated Logistics Support Plan (ILSP) Development. The Sidewinder ILSP (ILSP-MS-059), dated 15 December 1993 has been updated to include AIM-9M-8 information.

3. Technical Data Plan. Existing AIM-9 publications have been updated to include AIM-9M requirements. Because of the similarity between the AIM-9M and the AIM-9M-8, data pertaining to the AIM-9M-8 will be incorporated into the existing manuals. Source data was acquired from NAWCWD. A complete list of all publications requiring update can be found in the Technical Manual List NA 01-AIM9-0.

4. Special Test Sets, Tools, and Test Equipment. The introduction of the AIM-9M-8 to Navy and Marine Corps operational units and activities will not require any new test sets, tools, or test equipment. The existing AN/DSM-152A Test Set received software modifications enabling it to recognize the AIM-9M-8 configuration. The modified test set is designated the AN/DSM-152B.

5. Repair Parts. Supply support for the AIM-9M is provided by the Naval Ordnance Center Inventory Management and Systems Division (NOC IMSD), Mechanicsburg, PA. This network will be used to procure all AIM-9M-8 missile components that are common to earlier versions of the AIM-9M missile.

6. Contractor Engineering and Technical Services (CETS). N/A.

K. SCHEDULES

1. Schedule of Events.

a. Installation Schedule. As of the end of FY96, Raytheon has delivered approximately 2,330 AIM-9M-8/9 GCSs on the Basic and Option 1 contracts. Another 200 are expected in the first quarter of FY97 to complete the Option 1 contract. The Option 2 contract was never awarded, however, the Option 3 contract will begin GCS deliveries in the third quarter of FY97. A total of 1,200 AIM-9M-8/9 GCSs will be delivered through the second quarter of FY98 to complete the Option 3 contract. A new contract was awarded to Raytheon at the end of FY96 and deliveries against this new contract will begin following the Option 3 deliveries. Once GCSs are received by the Navy at NWSs Yorktown and Fallbrook, they must be tested and assembled with other AIM-9M components into AUR missiles prior to issue for fleet use.

b. Ready for Operational Use (RFOU). AIM-9M-8 was deployed to operational units in the third quarter of FY95.

c. Foreign Military Sales. To be determined (TBD). For further information contact PMA259.

d. Training Device (TD) and Technical Training Equipment (TTE) Delivery Schedule.

(1) **Classroom Explosive Ordnance Disposal (EOD) System Trainer (CEST).** CEST versions of the Sidewinder are currently used by Navy School EOD (NAVSCOLEOD) as training devices. A CEST peculiar to the AIM-9M-8 is not required.

(2) **Practical EOD System Trainer (PEST).** PEST versions of the Sidewinder are used by NAVSCOLEOD for training render safe procedures. A PEST peculiar to the AIM-9M-8 is not required.

(3) **Special Air Training Missiles (NATM).** Some AIM-9M-8 will be configured to the NATM configuration when ordered from the supply system. A firing version of the Sidewinder tactical missile with the warhead replaced by telemetry section. The NATM is used for test, evaluation, and specialized aircrew tactical training on instrumented firing ranges. Telemetered data is analyzed to determine captive flight target acquisition and tracking, missile launch, and target intercept missile performance characteristics.

(4) **Captive Air Training Missile (CATM).** Approximately 835 CATM-9Ms in various configurations currently exist. Components for another 400 CATM-9Ms have been procured. As the Navy receives WGU-4E/B GCSs, some of the CATM-9Ms will be retrofitted with this GCS and be designated CATM-9M-12s. Approximately 350 CATM-9M-12 will be built-up by December 1996. The Navy will maintain a total inventory mix of approximately 982 CATM-9Ms, which will be proportionate to the tactical inventory mix. See section IV.A.5.(a).

(5) **Dummy Air Training Missile (DATM).** Existing DATM-9M-1 and DATM-9M-2 will be used to support the training of USN and United States Marine Corps (USMC) ground maintenance technicians in assembly, disassembly, loading, transportation, and stowage procedures and techniques for the Sidewinder AIM-9M and AIM-9M-8. These DATMs are currently on-hand at AIM-9 training activities and are not certified for flight. See section IV.A.5.(b).

2. Time Required to Install. N/A.

L. MANPOWER REQUIREMENTS

1. Equipment, Systems, and Subsystems. N/A.

2. Aircraft Equipment, Systems, and Subsystems.

a. Aircrew Requirements. The AIM-9M-8 does not impact aircrew manpower.

b. Estimated Direct Maintenance Man-Hours per Flight Hour (DMMH/FH). N/A.

c. Proposed Utilization. The AIM-9M-8 missile is compatible with many aircraft. Utilization rates for those aircraft will not change as a result of the AIM-9M-8. Aircraft utilization rates may be found in the aircraft's Weapons System Planning Document.

d. Recommended Quantitative/Qualitative Manpower Requirements.

(1) **Manpower Requirements, Fleet Squadrons.** Manning for Navy and Marine Corps fleet squadrons is based on the total assigned workload in each work center. Ordnance support in the Armament/Weapons Branch (Work Center 230) is provided by Aviation Ordnancemen (AO). Like the AIM-9M Sidewinder Missile, the AIM-9M-8 is designed and employed as an AUR missile. Because of identical maintenance tasks between the different models, the AIM-9M-8 Sidewinder will not impact the work center's workload. There are no changes to existing fleet squadron manpower.

(2) **Manpower Requirements, Fleet Readiness Squadron (FRS).** FRS manning levels, like the fleet squadron, are based on the total assigned workload. No change to current FRS workload in the Armament/Weapons Branch (Work Center 230) will result from the AIM-9M-8. Existing FRS manpower will not change.

(3) **Intermediate Level Maintenance (CV/CVN, NAS, MALS, NAWMUs, and "L" Class Ships).** Weapons Departments and Divisions manning levels aboard these commands are based on total assigned workload. The AIM-9M-8 Sidewinder Missile will not impact the workload at these activities. No change in the existing manpower requirements will result from the AIM-9M-8.

(4) **AUR Depot Maintenance (NWSs Fallbrook and Yorktown and NAWMU-1).** The AIM-9M-8 Sidewinder Missile will not alter the workload at these activities after the initial retrofit is performed. Workload increase for the AIM-9M-8 version will be offset by a corresponding decrease in workload to existing AIM-9M missiles.

M. TRAINING CONCEPT

1. Training Applicable to Military, Civilian, and Foreign Personnel.

a. Initial Training. Initial training is funded by the TSA until the TA has attained the capability to conduct follow-on training. NAWCWD and TOPGUN developed Aircrew Familiarization packages for AIM-9M-8 initial training. The packages include a briefing and a classified indoctrination video. Video tapes were distributed separately by the Joint Visual Information Activity in Tobyhanna, Pennsylvania. VX-9 and TOPGUN personnel began initial aircrew training in September 1994. NAWCWD has revised the AN/DSM-152 Test Set Operator Course (CIN N-100-0483) to include AN/DSM-152B maintenance procedures. NAWCWD personnel provided initial training packages to NWS Yorktown, NWS Fallbrook and NAWMU-1 Guam.

(1) **Operator.** VX-9 and TOPGUN began AIM-9M-8 initial training presentations in fourth quarter FY94.

(2) **Maintenance.**

(a) **Organizational.** N/A.

(b) **Intermediate.** N/A.

(c) **Depot.**

1 AN/DSM-152B Test Set Operation and Maintenance

Course Number..... N-100-0483
Course Length..... 4 days
RFT Date..... Apr 96
Location..... NWS Yorktown, NWS Fallbrook,
NAWMU-1
TD/TTE..... AN/DSM-152B
Note..... Request from NAVAIRSYSCOM PMA205-
5C

- (3) **Team.** N/A.
- (4) **Officer.** Discussed under paragraph I.M.1.a.(1).
- (5) **Industrial Personnel.** N/A.

b. Follow-On Training. Training on the existing Sidewinder AIM-9M Missile is in place. Operator (aircrew) training courses are being updated to include AIM-9M-8 Sidewinder information. Organizational level maintenance and intermediate level maintenance training courses required minimal updating to include the AIM-9M-8 nomenclature.

(1) **Operator.** Aircrew training courses are being modified to include AIM-9M-8 data. Modifications do not change course length. Operators will utilize a video tape to learn tone differences created by the AIM-9M-8 configuration. Also, interactive courseware (ICW) for the Strike Fighter Training Systems (SFTS) will be distributed in March 1997. OJT for operators is accomplished by using the Sidewinder CATM-9 series training missile.

(a) **CATM-9M.** Captive Air Training Missiles (CATM)-9M are captive carry missiles and are used for pilot training in aerial target acquisition and use of aircraft controls and displays. CATM-9M may consist of a combination of tactical and training (inert) components or all training components. See Table I-2 for further CATM-9M configuration details.

(b) **Strike Fighter Weapons and Tactics (SFWT) Curricula.** NSAWC TOPGUN, in conjunction with the various Weapons Schools, is developing post-Fleet Replacement Squadron (FRS) training at the squadron level. The Strike Fighter Weapons and Tactics (SFWT) curricula will be taught by each squadron's Strike Fighter Tactics Instructor (SFTI). The SFTI will be supported by SFTS, a multimedia computer-based training system that will host ICW. TOPGUN and NAVAIRSYSCOM PMA205-5 are developing AIM-9M-8 Aircrew ICW that is anticipated to be ready for training by the second quarter FY97.

1 Sidewinder AIM-9M-8 Aircrew ICW.

Course number..... TBD
Course length..... TBD
RFT date..... Mar 97
Location..... Fleet squadrons as deemed
appropriate by TOPGUN and
associated Weapons Schools
Source rating..... None
Skill identifier.. Various aircrew AQDs
TD/TTE..... SFTS or compatible system

Prerequisites..... Group I Naval Aviator or Naval Flight Officer Designation, Secret clearance

AIM-9 CONFIGURATION	NALC	CORRESPONDING CATM-9 CONFIGURATION	NALC	GCS COMMON TO BOTH CONFIGURATIONS	NALC
AIM-9M-1 or AIM-9M-3	PB55/ PV66 PC47/ PV67	CATM-9M-6 (slick) or CATM-9M-8 (W&F) or CATM-9M-1 (NAR'd) or CATM-9M-2 (slick) or CATM-9M-4 (W&F)	BWBS BWBT PC60 PC61 PV44	NOT APPLICABLE INERTED TACTICAL GCS WGU-4A(T-2)/B NOT APPLICABLE INERTED TACTICAL GCS WGU-4A(T-2)/B WGU-4A/B WGU-4A/B WGU-4A/B	1W11 1W11 PM55 PM55 PM55
AIM-9M-4	PV74	NOT APPLICABLE		WGU-4C/B	PM66
AIM-9M-6	PV76	NOT APPLICABLE		WGU-4D/B	PM67
AIM-9M-8	PV89	CATM-9M-12 (W&F) or CATM-9M-14 (slick)	PU70 PU71	WGU-4E/B WGU-4E/B	PM69 PM69

slick= without wings and fins
W&F= with wings and fins

NALC = Navy Ammunition
Logistics Code

Table I-2. SIDEWINDER CATM-9M INFORMATION

(c) **F-18 Aircraft.** The following list of courses have AIM-9M-8 source material incorporated, which caused no change in student throughput or chargeable student billets. These courses are listed for reference only and will not appear in Parts II and III of this document. See NTP A-50-7703 for course details.

1 F/A-18 Fleet Replacement Pilot Category (Cat) I

Course number..... D/E-2A-0601
RFT date..... November 94

2 F/A-18 Fleet Replacement Pilot Cat IIA

Course number..... D/E-2A-0602
RFT date..... November 94

3 F/A-18 Fleet Replacement Pilot Cat IIH

Course number..... D/E-2A-0603
RFT date..... November 94

4 F/A-18 Fleet Replacement Pilot Cat IIF

Course number..... D/E-2A-0605
RFT date..... November 94

5 F/A-18 Fleet Replacement Pilot Cat III

Course number..... D/E-2A-0604
RFT date..... November 94

6 F/A-18 Fleet Replacement Pilot Cat IV

Course number..... D/E-2A-0606
RFT date..... November 94

7 F/A-18 Fleet Replacement Pilot Basic and Transition

Course number..... M13P4B3
RFT date..... November 94

8 F/A-18 Fleet Replacement Pilot Refresher

Course number..... M13P3V3
RFT date..... November 94

9 F/A-18 Fleet Replacement Pilot Modified Refresher

Course number..... M13P3W3
RFT date..... November 94

10 F/A-18 Weapon Sensor Operator (WSO) Basic and Transition

Course number..... M13P4C3
RFT date..... November 94

11 F/A-18 WSO Refresher

Course number..... M13P3R3
RFT date..... November 94

12 F/A-18 WSO Modified Refresher

Course number..... M13P3S3
RFT date..... November 94

- (d) **F-14 Aircraft.** The following list of courses have AIM-9M-8 source material incorporated, which caused no change in student throughput or chargeable student billets. These courses are listed for reference only and will not appear in Parts II and III of this document. See NTP A-50-8511 for course details.

1 F-14 Fleet Replacement Pilot Cat I

Course number..... D-2A-1601
RFT date..... November 94

2 F-14 Fleet Replacement Pilot Cat II

Course number..... D-2A-1602
RFT date..... November 94

3 F-14 Fleet Replacement Pilot Cat III

Course number..... D-2A-1603
RFT date..... November 94

4 F-14 Fleet Replacement Pilot Cat IV

Course number..... D-2A-1604
RFT date..... November 94

5 F-14 Fleet Replacement Pilot Cat V

Course number..... D-2A-1605
RFT date..... November 94

6 F-14 Naval Flight Officer (NFO) Cat I

Course number..... D-2D-1601
RFT date..... November 94

7 F-14 NFO Cat II

Course number..... D-2D-1602
RFT date..... November 94

8 F-14 NFO Cat III

Course number..... D-2D-1603
RFT date..... November 94

9 F-14 NFO Cat IV

Course number..... D-2D-1604
RFT date..... November 94

10 F-14 NFO Cat V

Course number..... D-2D-1605
RFT date..... November 94

- (e) **AV-8B Aircraft.** The following list of courses have AIM-9M-8 source material incorporated, which caused no change in student throughput or chargeable student billets. These courses are listed for reference only and will not appear in Parts II and III of this document. See NTP A-50-8210 for course details.

1 AV-8B Fleet Replacement Pilot Basic and Transition

Course number..... M04P4H4
RFT date..... November 94

2 AV-8B Fleet Replacement Pilot Refresher

Course number..... M04P4Q4
RFT date..... November 94

3 AV-8B Fleet Replacement Pilot Modified Refresher

Course number..... M04P4R4
RFT date..... November 94

- (f) **AH-1 Aircraft.** The following list of courses have AIM-9M-8 source material incorporated, which caused no change in student throughput or chargeable student billets. These courses are listed for reference only and will not appear in Parts II and III of this document. See NTP A-50-8520 for course details.

1 AH-1 Fleet Replacement Pilot Basic and Transition

Course number..... M23P4N1
RFT date..... November 94

2 AH-1 Fleet Replacement Pilot Refresher

Course number..... M23P3M1
RFT date..... November 94

3 AH-1 Fleet Replacement Pilot Modified Refresher

Course number..... M23P3X1
RFT date..... November 94

(2) Maintenance.

(a) DATM-9M. Dummy Air Training Missiles (DATM)-9M are used to train organizational and intermediate level maintenance personnel in AIM-9M assembly, disassembly, loading, transportation, and stowage procedures and techniques. All components are training items (completely inert) except for wings, fins, and tactical umbilical cable. The DATM-9M-1 and DATM-9M-2 simulate both the AIM-9L and AIM-9M tactical missiles for training purposes and are not certified for flight.

(b) Initial Skill Training. The modification of the AIM-9M to the AIM-9M-8 configuration did not affect the training course content or course length at the AO A1 school, and therefore there were no changes in student throughput or chargeable student billets. These courses are listed for reference only and will not appear in Parts II and III of this document.

1 Aviation Ordnance "Class A1" School (Core)

Course number..... C-646-2011
RFT date..... On line

2 Aviation Ordnance "Class A1" School (Airwing Strand)

Course number..... C-646-2012
RFT date..... On line

3 Aviation Ordnance "Class A1" School (Ship/Shore Strand)

Course number..... C-646-2013
RFT date..... On line

(c) Organizational. The modification of the AIM-9M to the AIM-9M-8 configuration did not affect the maintenance, release and control checks, or conventional weapons loading at organizational-level maintenance activities. Associated training course content and course lengths were not affected, and therefore there were no changes in student throughput or chargeable student billets. These courses are listed for reference only and will not appear in Parts II and III of this document. See NTPs A-50-7703, A-50-8511, A-50-8210, and A-50-8520 for course details.

1 AV-8B Conventional Weapons Loading

Course number..... C-646-3893
RFT date..... On line

2 AV-8B Aircraft Ordnance Technician Integrated Organizational Maintenance

Course number..... C-646-9888
RFT date..... On line

3 F-14 Conventional Weapons Loading

Course number..... D-646-1642
RFT date..... On line

4 F-14A/B Armament Systems Organizational Maintenance (Initial)

Course number..... D-646-9962
RFT date..... On line

5 F-14A/B Armament Systems Organizational Maintenance (Career)

Course number..... D-646-9963
RFT date..... On line

6 F-14D Armament Systems Organizational Maintenance ("D" Difference Training)

Course number..... D-646-9906
RFT date..... On line

7 F/A-18 Conventional Weapons Loading

Course number..... D/E-646-0640
RFT date..... On line

8 F/A-18 Conventional Release Systems Test

Course number..... D/E-646-0647
RFT date..... On line

9 F/A-18 Stores Management Integrated Organizational Maintenance (Initial)

Course number..... C-646-9973
RFT date..... On line

10 F/A-18 Stores Management Integrated Organizational Maintenance (Initial)

Course number..... C-646-9974
RFT date..... On line

Course A-433-0022, Course A-431-0069.
Secret clearance.

b. Explosive Ordnance Disposal Phase II.

Course number ... A-431-0012
Course length ... 156 days
RFT date Nov 94
Location NAVSCOLEOD, NSWC-IH
Source rating ... General (Enlisted and Officer)
Skill identifier. NEC 5332, NOBC 9230
TD/TTE See Part IV
Prerequisites ... Comply with BUPERSMAN Article 1410380,
Course A-433-0022, Course A-431-0069.
Secret clearance.

c. Navy Explosive Ordnance Team Readiness Improvement Training.

Course number ... G-431-0001
Course length ... 22-27 days
RFT date Nov 94
Location EODTEU ONE, NAS Barbers Point, HI
EODTEU TWO, Fort Story, VA
Source rating ... General
Skill identifier. NEC 5331
TD/TTE See Part IV
Prerequisites ... Confidential clearance, Completed A-433-0022/23

4. NEC Assignable to Selected Reserves (SELRES). SELRES personnel will receive their AIM-9M-8 training in the same manner that they received predecessor Sidewinder system training.

N. ON-BOARD TRAINING

1. Proficiency or Other Training Organic to New Development. The Maintenance Training Improvement Program (MTIP) is used to establish an effective and efficient training system that is responsive to fleet training requirements.

2. Operator/Maintenance Personnel Qualification Standards Requirements. N/A.

3. Maintenance Training Improvement Program (MTIP) Requirements. The MTIP, established by OPNAVINST 4790.2 for aircraft programs, is used to establish an effective and efficient training system that is responsive to fleet training requirements. MTIP is a training management tool that, through diagnostic testing, identifies individual training deficiencies at the organizational and intermediate levels of maintenance. MTIP allows increased effectiveness in the application of training resources through identification of skill and knowledge deficiencies at the activity, work center, or individual technician level. Remedial training is concentrated where needed to correct identified skill and knowledge shortfalls. An MTIP for weapon programs is in development by NAMTRA.

4. Other On-Board Training. The Conventional Ordnance Handling Qualification and Certification Program requires all ordnance personnel to be

qualified and certified in accordance with OPNAVINST 8023.2 and MCO 8023.2 series instruction.

O. LIST OF RELATED NAVY TRAINING PLANS AND APPLICABLE DOCUMENTS

<u>DOCUMENT/ NTP/DOCUMENT TITLE</u>	<u>PDA NTP NUMBER</u>	<u>CODE</u>	<u>STATUS</u>
Navy and Air Force ILSP for Sidewinder AIM-9M Missile System	ILSP MS-059	AIR-4.1.1	Approved 12/93
Operational Logistics Support Plan for Side- winder AIM-9 Missile Systems	OLSP MS-061 Revision C	AIR-4.1.1	Approved 12/89
AH-1 Aircraft	A-50-8520D/A	PMA276	Approved 3/96
F/A-18 Weapon System	A-50-7703G/D	PMA265	Draft 09/96
AV-8B Harrier II Weapons System	A-50-8210D/A	PMA257	Approved 08/93
F-14A/B/D Aircraft	A-50-8511A/A	PMA241	Approved 10/93

PART II - BILLET AND PERSONNEL REQUIREMENTS

The following elements are not affected by the AIM-9M-8 Sidewinder Missile System and, therefore, are not included in Part II of this NTP:

II.A. BILLET REQUIREMENTS

II.A.2.b. Military Billets per Fleet Operational Unit [Including Fleet Readiness Squadrons (FRS)] and/or Activity - Old

II.B. PERSONNEL REQUIREMENTS

II.B.3. Foreign, Other Service, and Non-Military Personnel Annual Training Input Requirement

NOTE 1: This section of the AIM-9M-8 Sidewinder Missile System NTP is a compilation of two intermediate level NEC's and two intermediate level MOS's with associated billets.

The addition of the AIM-9M-8 Sidewinder Missile System to the intermediate level workload is only a small percentage of the required workload for that MOS or NEC. The NEC/MOS is not dedicated to AIM-9M-8 Sidewinder Missile System and therefore the training requirements will remain the same.

NOTE 2: This section of the AIM-9M-8 Sidewinder Missile System NTP is presented by NEC and MOS for ease of understanding. It was developed to establish the total intermediate level maintenance requirements for the ordnance community. The requirements are to train ordnance personnel in the USN and USMC to receive an NEC or MOS to fill a billet.

II.A. BILLET REQUIREMENTS

II.A.1.a Ready for Operational and Fleet Support Use - New Development Introduction Schedule

<u>UNIT/ACTIVITY/SQUADRON/HULL NO./UIC</u>	<u>FY96</u>	<u>FY97</u>	<u>FY98</u>	<u>FY99</u>	Date: Nov 95 <u>FY00</u>
LHD-5/USS Bataan/21879		1			
CV-64/USS Constellation/03364			1		

II.A.1.b. Military Billets per Fleet Operational Unit (Including Fleet Readiness Squadrons (FRS)) and/or Activities - New

AIRCRAFT SQUADRON/ EQUIPMENT/ SYSTEM/ SUBSYSTEM DESIGNATION	TOTAL PER SQUADRON/ E/S/S		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6802</u>													
ACDU													
VFA-203	0	2	0	0	0	2	0	0	0	0	AO	6802	
VFC-12	0	1	0	0	0	1	0	0	0	0	AO	6802	
VFA-204	0	1	0	0	0	1	0	0	0	0	AO	6802	
VMFAT-101	0	2	0	0	0	2	0	0	0	0	AO	6802	
VFC-13	0	1	0	0	0	1	0	0	0	0	AO	6802	
TOTAL:	0	7	0	0	0	7	0	0	0	0			
<u>NEC 6802</u>													
SELRES													
VF-201	0	2	0	0	0	2	0	0	0	0	AO	6802	
TOTAL:	0	2	0	0	0	2	0	0	0	0			
NEC 6802 TOTAL:	0	9	0	0	0	9	0	0	0	0			
<u>MOS 6521</u>													
USMC													
VMAT-203	0	2	0	0	0	2	0	0	0	0		6521	
VMFA-115	0	5	0	0	0	5	0	0	0	0		6521	
VMFA-122	0	5	0	0	0	5	0	0	0	0		6521	
VMFA-251	0	5	0	0	0	5	0	0	0	0		6521	
VMFA-451	0	5	0	0	0	5	0	0	0	0		6521	
VMFA-142	0	2	0	0	0	2	0	0	0	0		6521	
VMFA-321	0	2	0	0	0	2	0	0	0	0		6521	
MALS Augment (Beaufort)	0	5	0	0	0	5	0	0	0	0		6521	
VMFAAW-224	0	5	0	0	0	5	0	0	0	0		6521	
VMFAAW-332	0	5	0	0	0	5	0	0	0	0		6521	

II.A.1.b. Military Billets per Fleet Operational Unit (Including Fleet Readiness Squadrons (FRS)) and/or Activities - New (Cont.)

AIRCRAFT SQUADRON/ EQUIPMENT/ SYSTEM/ SUBSYSTEM DESIGNATION	TOTAL PER SQUADRON/ E/S/S		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>MOS 6521 (Continued)</u>													
<u>USMC (Continued)</u>													
VMFAAW-533	0	5	0	0	0	5	0	0	0	0		6521	
VMA-223	0	7	0	0	0	7	0	0	0	0		6521	
VMA-231	0	7	0	0	0	7	0	0	0	0		6521	
VMA-542	0	7	0	0	0	7	0	0	0	0		6521	
HMLA-167	0	9	0	0	0	9	0	0	0	0		6521	
HMLA-269	0	9	0	0	0	9	0	0	0	0		6521	
HMLA-773	0	2	0	0	0	2	0	0	0	0		6521	
MAWTS-1	0	2	0	0	0	2	0	0	0	0		6521	
VMFAT-101	0	15	0	0	0	15	0	0	0	0		6521	
HMT-303	0	4	0	0	0	4	0	0	0	0		6521	
VMFA-212	0	5	0	0	0	5	0	0	0	0		6521	
VMFA-232	0	5	0	0	0	5	0	0	0	0		6521	
VMFA-314	0	5	0	0	0	5	0	0	0	0		6521	
VMFA-323	0	5	0	0	0	5	0	0	0	0		6521	
VMFA-134	0	5	0	0	0	5	0	0	0	0		6521	
VMFA-112	0	2	0	0	0	2	0	0	0	0		6521	
MALS Augment (El Toro)	0	5	0	0	0	5	0	0	0	0		6521	
VMFAAW-121	0	5	0	0	0	5	0	0	0	0		6521	
VMFAAW-225	0	5	0	0	0	5	0	0	0	0		6521	
VMFAAW-242	0	5	0	0	0	5	0	0	0	0		6521	
VMA-211	0	7	0	0	0	7	0	0	0	0		6521	
VMA-214	0	7	0	0	0	7	0	0	0	0		6521	
VMA-311	0	7	0	0	0	7	0	0	0	0		6521	
VMA-513	0	7	0	0	0	7	0	0	0	0		6521	
HMLA-169	0	9	0	0	0	9	0	0	0	0		6521	
HMLA-267	0	9	0	0	0	9	0	0	0	0		6521	
HMLA-367	0	9	0	0	0	9	0	0	0	0		6521	

II.A.1.b. Military Billets per Fleet Operational Unit (Including Fleet Readiness Squadrons (FRS)) and/or Activities - New (Cont.)

AIRCRAFT SQUADRON/ EQUIPMENT/ SYSTEM/ SUBSYSTEM DESIGNATION	TOTAL PER SQUADRON/ E/S/S		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>MOS 6521 (Continued)</u>													
USMC (Continued)													
HMLA-369	0	9	0	0	0	9	0	0	0	0		6521	
HMLA-775	0	2	0	0	0	2	0	0	0	0		6521	
HMLA-775													
Det A	0	1	0	0	0	1	0	0	0	0		6521	
TOTAL:	0	222	0	0	0	222	0	0	0	0			
<u>MOS 6521</u>													
Active Reserve (AR)													
VMFA-142	0	3	0	0	0	3	0	0	0	0		6521	
VMFA-321	0	3	0	0	0	3	0	0	0	0		6521	
VMA-131	0	5	0	0	0	5	0	0	0	0		6521	
HMLA-773	0	4	0	0	0	4	0	0	0	0		6521	
VMFA-112	0	3	0	0	0	3	0	0	0	0		6521	
VMFA-124	0	5	0	0	0	5	0	0	0	0		6521	
HMLA-775	0	4	0	0	0	4	0	0	0	0		6521	
HMLA-775													
Det A	0	2	0	0	0	2	0	0	0	0		6521	
TOTAL:	0	29	0	0	0	29	0	0	0	0			
MOS 6521 TOTAL:	0	251	0	0	0	251	0	0	0	0			
<u>MOS 6541</u>													
USMC													
VFA-106	0	1	0	0	0	1	0	0	0	0		6541	
VMAT-203	0	3	0	0	0	3	0	0	0	0		6541	

II.A.1.b. Military Billets per Fleet Operational Unit (Including Fleet Readiness Squadrons (FRS)) and/or Activities - New (Cont.)

AIRCRAFT SQUADRON/ EQUIPMENT/ SYSTEM/ SUBSYSTEM DESIGNATION	TOTAL PER SQUADRON/ E/S/S		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>MOS 6541 (Continued)</u>													
USMC (Continued)													
VMFA-115	0	5	0	0	0	5	0	0	0	0		6541	
VMFA-122	0	5	0	0	0	5	0	0	0	0		6541	
VMFA-251	0	5	0	0	0	5	0	0	0	0		6541	
VMFA-451	0	5	0	0	0	5	0	0	0	0		6541	
VMFA-142	0	1	0	0	0	1	0	0	0	0		6541	
VMFA-321	0	1	0	0	0	1	0	0	0	0		6541	
MALS Augment (Beaufort)	0	6	0	0	0	6	0	0	0	0		6541	
VMFAAW-224	0	6	0	0	0	6	0	0	0	0		6541	
VMFAAW-332	0	6	0	0	0	6	0	0	0	0		6541	
VMFAAW-533	0	6	0	0	0	6	0	0	0	0		6541	
VMA-223	0	5	0	0	0	5	0	0	0	0		6541	
VMA-542	0	5	0	0	0	5	0	0	0	0		6541	
VMA-231	0	5	0	0	0	5	0	0	0	0		6541	
HMLA-167	0	9	0	0	0	9	0	0	0	0		6541	
HMLA-269	0	9	0	0	0	9	0	0	0	0		6541	
HMLA-773	0	2	0	0	0	2	0	0	0	0		6541	
VFA-125	0	1	0	0	0	1	0	0	0	0		6541	
VMFAT-101	0	3	0	0	0	3	0	0	0	0		6541	
HMT-303	0	2	0	0	0	2	0	0	0	0		6541	
VMFA-212	0	5	0	0	0	5	0	0	0	0		6541	
VMFA-232	0	5	0	0	0	5	0	0	0	0		6541	
VMFA-314	0	5	0	0	0	5	0	0	0	0		6541	
VMFA-323	0	5	0	0	0	5	0	0	0	0		6541	
VMFA-134	0	1	0	0	0	1	0	0	0	0		6541	
VMFA-112	0	1	0	0	0	1	0	0	0	0		6541	
MALS Augment (Miramar)	0	4	0	0	0	4	0	0	0	0		6541	
VMFAAW-121	0	6	0	0	0	6	0	0	0	0		6541	

II.A.1.b. Military Billets per Fleet Operational Unit (Including Fleet Readiness Squadrons (FRS)) and/or Activities - New (Cont.)

AIRCRAFT SQUADRON/ EQUIPMENT/ SYSTEM/ SUBSYSTEM DESIGNATION	TOTAL PER SQUADRON/ E/S/S		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			

MOS 6541 (Continued)
USMC (Continued)

VMFAAW-225	0	6	0	0	0	6	0	0	0	0		6541
VMFAAW-242	0	6	0	0	0	6	0	0	0	0		6541
VMA-211	0	5	0	0	0	5	0	0	0	0		6541
VMA-214	0	5	0	0	0	5	0	0	0	0		6541
VMA-311	0	5	0	0	0	5	0	0	0	0		6541
VMA-513	0	5	0	0	0	5	0	0	0	0		6541
HMLA-169	0	9	0	0	0	9	0	0	0	0		6541
HMLA-267	0	9	0	0	0	9	0	0	0	0		6541
HMLA-367	0	9	0	0	0	9	0	0	0	0		6541
HMLA-369	0	9	0	0	0	9	0	0	0	0		6541
HMLA-775	0	2	0	0	0	2	0	0	0	0		6541
HMLA-775												
Det A	0	2	0	0	0	2	0	0	0	0		6541
TOTAL:	0	195	0	0	0	195	0	0	0	0		

MOS 6541
AR

VMFA-142	0	4	0	0	0	4	0	0	0	0		6541
VMFA-321	0	4	0	0	0	4	0	0	0	0		6541
VMA-131	0	5	0	0	0	5	0	0	0	0		6541
HMLA-773	0	4	0	0	0	4	0	0	0	0		6541
VMFA-134	0	4	0	0	0	4	0	0	0	0		6541
VMFA-112	0	4	0	0	0	4	0	0	0	0		6541
VMFA-124	0	5	0	0	0	5	0	0	0	0		6541
HMLA-775	0	4	0	0	0	4	0	0	0	0		6541
HMLA-775												
Det A	0	1	0	0	0	1	0	0	0	0		6541
TOTAL:	0	35	0	0	0	35	0	0	0	0		

II.A.1.b. Military Billets per Fleet Operational Unit (Including Fleet Readiness Squadrons (FRS)) and/or Activities - New (Cont.)

AIRCRAFT SQUADRON/ EQUIPMENT/ SYSTEM/ SUBSYSTEM DESIGNATION	TOTAL PER SQUADRON/ E/S/S		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>MOS 6541 (Continued)</u>													
AR (Continued)													
MOS 6541 TOTAL:	0	230	0	0	0	230	0	0	0	0			
USN TOTAL:	0	9	0	0	0	9	0	0	0	0			
USMC TOTAL:	0	481	0	0	0	481	0	0	0	0			
GRAND TOTAL:	0	490	0	0	0	490	0	0	0	0			

Note: This section indicates Fleet requirements for intermediate level maintenance AO's

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or Activities - New

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6801</u>													
ACDU													
NAWCAD													
Patuxent													
River/00421	0	2	0	0	0	2	0	0	0	0	AO	6801	
	0	2	0	0	0	2	0	0	0	0	AO	6801	8345
CVN-65/USS													
Enterpeise/													
03365	0	11	0	0	0	11	0	0	0	0	AO	6801	
CV-66/USS													
America/03366													
	0	6	0	0	0	6	0	0	0	0	AO	6801	
CV-67/USS													
Kennedy/03367													
	0	12	0	0	0	12	0	0	0	0	AO	6801	
CVN-69/USS													
Eisenhower/													
03369	0	7	0	0	0	7	0	0	0	0	AO	6801	
LPH-9/USS													
Guam/07178													
	0	2	0	0	0	2	0	0	0	0	AO	6801	
LPH-7/USS													
Guadalcanal/													
07352	0	2	0	0	0	2	0	0	0	0	AO	6801	
LHA-2/USS													
Saipan/20632													
	0	2	0	0	0	2	0	0	0	0	AO	6801	
LHA-4/USS													
Nassau/20725													
	0	2	0	0	0	2	0	0	0	0	AO	6801	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or Activities - New (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
NEC 6801 (Continued)													
ACDU (Continued)													
CVN-71/USS Roosevelt/ 21247	0	11	0	0	0	11	0	0	0	0	AO	6801	
CVN-73/USS Washington/ 21412	0	11	0	0	0	11	0	0	0	0	AO	6801	
CVN-74/USS Stennis/21847	0	11	0	0	0	11	0	0	0	0	AO	6801	
CVN-75/USS Truman/21853	0	11	0	0	0	11	0	0	0	0	AO	6801	
AVORD/MTT Norfolk/48764	0	5	0	0	0	5	0	0	0	0	AO	6801	
COMNAVAIRLANT/ 57012	0	2	0	0	0	2	0	0	0	0	AO	6801	
AIMD Brunswick/ 60087	0	8	0	0	0	8	0	0	0	0	AO	6801	
AIMD Oceana/ 60191	0	10	0	0	0	10	0	0	0	0	AO	6801	
AIMD Cecil Field/60200	0	20	0	0	0	20	0	0	0	0	AO	6801	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or Activities - New (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
NEC 6801 (Continued)													
ACDU (Continued)													
AIMD													
Keflavik/ 63032	0	7	0	0	0	7	0	0	0	0	AO	6801	
	0	1	0	0	0	1	0	0	0	0	AO	6801	9502
AIMD													
Memphis/ 00639	0	1	0	0	0	1	0	0	0	0	AO	6801	6802
CV-61/USS Ranger/03361	0	1	0	0	0	1	0	0	0	0	AO	6801	
CV-62/USS Independence/ 03362	0	6	0	0	0	6	0	0	0	0	AO	6801	
CV-63/USS Kitty Hawk/ 03363	0	9	0	0	0	9	0	0	0	0	AO	6801	
CV-64/USS Constellation/ 03364	0	11	0	0	0	11	0	0	0	0	AO	6801	
CVN-68/USS Nimitz/03368	0	11	0	0	0	11	0	0	0	0	AO	6801	
NAWCWDPoint Mugu/63126	0	7	0	0	0	7	0	0	0	0	AO	6801	
	0	1	0	0	0	1	0	0	0	0	AO	6801	8342

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or Activities - New (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
NEC 6801 (Continued)													
ACDU (Continued)													
LPH-10/USS Triploi/07198	0	2	0	0	0	2	0	0	0	0	AO	6801	
LPH-11/USS New Orleans/ 07202	0	2	0	0	0	2	0	0	0	0	AO	6801	
LHA-1/USS Tarawa/20550	0	2	0	0	0	2	0	0	0	0	AO	6801	
LHA-3/USS Belleau Wood/ 20633	0	2	0	0	0	2	0	0	0	0	AO	6801	
LHA-5/USS Peleliu/20748	0	2	0	0	0	2	0	0	0	0	AO	6801	
CVN-70/USS Vinson/20993	0	11	0	0	0	11	0	0	0	0	AO	6801	
CVN-72/USS Lincoln/21297	0	11	0	0	0	11	0	0	0	0	AO	6801	
AIMD Fallon/ 44317	0	2	0	0	0	2	0	0	0	0	AO	6801	
NAVAIRWP- MAINTUN/ 52821	0	23	0	0	0	23	0	0	0	0	AO	6801	
AIMD Lemoore/ 44321	0	3	0	0	0	3	0	0	0	0	AO	6801	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or Activities - New (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6801 (Continued)</u>													
ACDU (Continued)													
NAWCAD Point													
Mugu/63126	0	1	0	0	0	1	0	0	0	0	AO	6801	
NEC 6801 TOTAL:	0	253	0	0	0	253	0	0	0	0			
<u>NEC 6802</u>													
ACDU													
NAWCAD													
Patuxent													
River/00421	0	7	0	0	0	7	0	0	0	0	AO	6802	
	0	2	0	0	0	2	0	0	0	0	AO	6802	6803
CVN-65/USS													
Enterprise/													
03365	0	8	0	0	0	8	0	0	0	0	AO	6802	
CV-66/USS													
America/03366													
	0	8	0	0	0	8	0	0	0	0	AO	6802	
CV-67/USS													
Kennedy/03367													
	0	8	0	0	0	8	0	0	0	0	AO	6802	
CVN-69/USS													
Eisenhower/													
03369	0	8	0	0	0	8	0	0	0	0	AO	6802	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or Activities - New (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
NEC 6802 (Continued)													
ACDU (Continued)													
LPH-9/USS Guam/07178	0	1	0	0	0	1	0	0	0	0	AO	6802	
LPH-7/USS Guadalcanal/ 07352	0	1	0	0	0	1	0	0	0	0	AO	6802	
MCS-12/USS Inchon/20009	0	1	0	0	0	1	0	0	0	0	AO	6802	
LHA-2/USS Saipan/20632	0	1	0	0	0	1	0	0	0	0	AO	6802	
LHA-4/USS Nassau/20725	0	1	0	0	0	1	0	0	0	0	AO	6802	
CVN-71/USS Roosevelt/ 21247	0	8	0	0	0	8	0	0	0	0	AO	6802	
CVN-73/USS Washington/ 21412	0	8	0	0	0	8	0	0	0	0	AO	6802	
LHD-2/USS Essex/21533	0	2	0	0	0	2	0	0	0	0	AO	6802	
LHD-1/USS Wasp/21560	0	2	0	0	0	2	0	0	0	0	AO	6802	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or Activities - New (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6802 (Continued)</u>													
<u>ACDU (Continued)</u>													
LHD-3/USS Kearsarge/21700	0	2	0	0	0	2	0	0	0	0	AO	6802	
LHD-4/USS Boxer/21808	0	2	0	0	0	2	0	0	0	0	AO	6802	
CVN-74/USS Stennis/21847	0	8	0	0	0	8	0	0	0	0	AO	6802	
CVN-75/USS Truman/21853	0	6	0	0	0	6	0	0	0	0	AO	6802	
LHD-5/USS Bataan/21879	0	2	0	0	0	2	0	0	0	0	AO	6802	
A/C OPDET Cecil Field/ 35670	0	1	0	0	0	1	0	0	0	0	AO	6802	
A/C OPDET Oceana/35672	0	4	0	0	0	4	0	0	0	0	AO	6802	
A/C OPDET Roosevelt Roads/35682	0	1	0	0	0	1	0	0	0	0	AO	6802	
AIMD Cecil Field/44315	0	14	0	0	0	14	0	0	0	0	AO	6802	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or Activities - New (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
NEC 6802 (Continued)													
ACDU (Continued)													
AIMD Key West/44320	0	2	0	0	0	2	0	0	0	0	AO	6802	
AIMD Oceana/ 60191	0	26	0	0	0	26	0	0	0	0	AO	6802	
AIMD Roosevelt Roads/35682	0	5	0	0	0	5	0	0	0	0	AO	6802	
SEAOPDET Cecil Field/ 46961	0	15	0	0	0	15	0	0	0	0	AO	6802	
SEAOPDET Oceana/ 46963	0	16	0	0	0	16	0	0	0	0	AO	6802	
COMNAVAIRLANT/ 57012	0	1	0	0	0	1	0	0	0	0	AO	6802	
NAS North Island/00246	0	3	0	0	0	3	0	0	0	0	AO	6802	
AIMD Memphis/ 00639	0	1	0	0	0	1	0	0	0	0	AO	6802	
CV-61/USS Ranger/03361	0	2	0	0	0	2	0	0	0	0	AO	6802	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or Activities - New (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
NEC 6802 (Continued)													
ACDU (Continued)													
CV-62/USS Independence/ 03362	0	15	0	0	0	15	0	0	0	0	AO	6802	
CV-63/USS Kitty Hawk/ 03363	0	8	0	0	0	8	0	0	0	0	AO	6802	
CV-64/USS Constellation/ 03364	0	11	0	0	0	11	0	0	0	0	AO	6802	
CVN-68/USS Nimitz/ 03368	0	8	0	0	0	8	0	0	0	0	AO	6802	
LPH-10/USS Tripoli/ 07198	0	1	0	0	0	1	0	0	0	0	AO	6802	
LPH-11/USS New Orleans/ 07202	0	1	0	0	0	1	0	0	0	0	AO	6802	
LHA-1/USS Tarawa/ 20550	0	1	0	0	0	1	0	0	0	0	AO	6802	
LHA-3/USS Belleau Wood/ 20633	0	1	0	0	0	1	0	0	0	0	AO	6802	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or Activities - New (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
NEC 6802 (Continued)													
ACDU (Continued)													
LHA-5/USS Peleliu/20748	0	1	0	0	0	1	0	0	0	0	AO	6802	
CVN-70/USS Vinson/20993	0	8	0	0	0	8	0	0	0	0	AO	6802	
CVN-72/USS Linclon/21297	0	8	0	0	0	8	0	0	0	0	AO	6802	
A/C OPDET/ Whidbey Island/ 35674	0	2	0	0	0	2	0	0	0	0	AO	6802	
AIMD Fallon/ 44317	0	3	0	0	0	3	0	0	0	0	AO	6802	
AIMD Miramar/ 44322	0	21	0	0	0	21	0	0	0	0	AO	6802	
AIMD Atsugi/ 44323	0	4	0	0	0	4	0	0	0	0	AO	6802	
AIMD North Island/44326	0	14	0	0	0	14	0	0	0	0	AO	6802	
AIMD Whidbey Island/44329	0	20	0	0	0	20	0	0	0	0	AO	6802	
SEAOPDET Miramar/46962	0	9	0	0	0	9	0	0	0	0	AO	6802	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or Activities - New (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6802 (Continued)</u>													
ACDU (Continued)													
SEAOPDET Lemoore/46964	0	11	0	0	0	11	0	0	0	0	AO	6802	
SEAOPDET Whidbey Island/46967	0	19	0	0	0	19	0	0	0	0	AO	6802	
SEAOPDET North Island/ 46968	0	5	0	0	0	5	0	0	0	0	AO	6802	
NAVAIRWPMAINTUN/ 52821	0	5	0	0	0	5	0	0	0	0	AO	6802	
NAWCWD Point Mugu/63126	0	8	0	0	0	8	0	0	0	0			
TOTAL:	0	361	0	0	0	361	0	0	0	0			
<u>NEC 6802</u>													
TAR													
RAIMD Atlanta/ 44486	0	6	0	0	0	6	0	0	0	0	AO	6802	
RAIMD Willow Grove/44493	0	2	0	0	0	2	0	0	0	0	AO	6802	
NAVAIRES Jacksonville/ 63099	0	1	0	0	0	1	0	0	0	0	AO	6802	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or Activities - New (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6802 (Continued)</u>													
<u>TAR (Continued)</u>													
NAVAIRES													
Norfolk/ 63102	0	1	0	0	0	1	0	0	0	0	AO	6802	
RAIMD Dallas/ 44487	0	3	0	0	0	3	0	0	0	0	AO	6802	
RAIMD New Orleans/44490	0	2	0	0	0	2	0	0	0	0	AO	6802	
TOTAL:	0	15	0	0	0	15	0	0	0	0			
<u>NEC 6802</u>													
SELRES													
CV-62/USS Independence/ 03362	0	1	0	0	0	1	0	0	0	0	AO	6802	
CV-64/USS Constellation/ 03364	0	3	0	0	0	3	0	0	0	0	AO	6802	
TOTAL:	0	4	0	0	0	4	0	0	0	0			
NEC 6802 TOTAL:	0	380	0	0	0	380	0	0	0	0			

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or Activities - New (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>MOS 6521</u>													
USMC													
H&HS Cherry Point/02002	0	15	0	0	0	15	0	0	0	0		6521	
H&HS New River/02021	0	5	0	0	0	5	0	0	0	0		6521	
H&HS Beaufort/ 02031	0	5	0	0	0	5	0	0	0	0		6521	
2nd MAW/Cherry Point/00201	0	1	0	0	0	1	0	0	0	0		6521	
MASD Andrews/ 04801	0	1	0	0	0	1	0	0	0	0		6521	
MALS-14/ Cherry Point/ 09114	0	22	0	0	0	22	0	0	0	0		6521	
MALS-31/ Beaufort/ 09131	0	22	0	0	0	22	0	0	0	0		6521	
MALS-26/ New River/ 09167	0	6	0	0	0	6	0	0	0	0		6521	
MALS-29/ New River/ 52841	0	6	0	0	0	6	0	0	0	0		6521	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or Activities - New (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
MOS 6521 (Continued)													
USMC (Continued)													
MALS-49/ Stewart NY/ 55555	0	3	0	0	0	3	0	0	0	0		6521	
H&HS Iwakuni/ 02501	0	7	0	0	0	7	0	0	0	0		6521	
H&HS Futenma/ 02601	0	1	0	0	0	1	0	0	0	0		6521	
MCAF Kaneohe/ 02303	0	7	0	0	0	7	0	0	0	0		6521	
H&HS El Toro/ 02201	0	8	0	0	0	8	0	0	0	0		6521	
H&HS Yuma/ 02230	0	16	0	0	0	16	0	0	0	0		6521	
H&HS Camp Pendleton/02208	0	9	0	0	0	9	0	0	0	0		6521	
1st MAW/ Futenma/00101	0	1	0	0	0	1	0	0	0	0		6521	
3rd MAW/ El Toro/00300	0	1	0	0	0	1	0	0	0	0		6521	
4th MAW/ New Orleans/ 00400	0	1	0	0	0	1	0	0	0	0		6521	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or Activities - New (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
MOS 6521 (Continued)													
USMC (Continued)													
MALS-11/E1 Toro/09111	0	22	0	0	0	22	0	0	0	0		6521	
MALS-12/ Iwakuni/09112	0	22	0	0	0	22	0	0	0	0		6521	
MALS-13/Yuma/ 55585	0	22	0	0	0	22	0	0	0	0		6521	
MALS-41/Fort Worth/03007	0	2	0	0	0	2	0	0	0	0		6521	
MALS-46/ Miramar/03028	0	2	0	0	0	2	0	0	0	0		6521	
MALS-16/Tustin/ 55583	0	6	0	0	0	6	0	0	0	0		6521	
MALS-36/ Futenma/09136	0	6	0	0	0	6	0	0	0	0		6521	
MALS-39/Camp Pendleton/09808	0	6	0	0	0	6	0	0	0	0		6521	
MALSE Kaneohe/ 02300	0	2	0	0	0	2	0	0	0	0		6521	
TOTAL:	0	227	0	0	0	227	0	0	0	0			

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or Activities - New (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>MOS 6521</u>													
AR													
Blount Island/ 38450	0	1	0	0	0	1	0	0	0	0		6521	
MALS-42/ Marietta Ga/ 09513	0	6	0	0	0	6	0	0	0	0		6521	
MALS-49/ Stewart NY/ 55555	0	3	0	0	0	3	0	0	0	0		6521	
MALS-41/Fort Worth/03007	0	20	0	0	0	20	0	0	0	0		6521	
MALS-46/Miramar/ 03028	0	20	0	0	0	20	0	0	0	0		6521	
TOTAL:	0	50	0	0	0	50	0	0	0	0			
MOS 6521 TOTAL:	0	277	0	0	0	277	0	0	0	0			
<u>MOS 6541</u>													
USMC													
MAD/Patuxent River/06040	0	1	0	0	0	1	0	0	0	0		6541	
MALS-14/Cherry Point/09114	0	21	0	0	0	21	0	0	0	0		6541	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or Activities - New (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
MOS 6541 (Continued)													
USMC (Continued)													
MALS-31/ Beaufort/09131	0	21	0	0	0	21	0	0	0	0		6541	
MALS-26/New River/09167	0	6	0	0	0	6	0	0	0	0		6541	
MALS-29/New River/52841	0	6	0	0	0	6	0	0	0	0		6541	
MALS-42/ Marietta Ga/ 09513	0	2	0	0	0	2	0	0	0	0		6541	
MALS-49/ Stewart NY/ 55555	0	1	0	0	0	1	0	0	0	0		6541	
MAD China Lake/06117	0	2	0	0	0	2	0	0	0	0		6541	
MALS-11/El Toro/09111	0	21	0	0	0	21	0	0	0	0		6541	
MALS-12/ Iwakuni/09112	0	21	0	0	0	21	0	0	0	0		6541	
MALS-13/Yuma/ 55585	0	21	0	0	0	21	0	0	0	0		6541	
MALS-41/Fort Worth/03007	0	2	0	0	0	2	0	0	0	0		6541	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or Activities - New (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>MOS 6541 (Continued)</u>													
USMC (Continued)													
MALS-16/Tustin/ 55583	0	6	0	0	0	6	0	0	0	0		6541	
MALS-36/ Futenma/09136	0	6	0	0	0	6	0	0	0	0		6541	
MALS-39/Camp Pendleton/ 09808	0	6	0	0	0	6	0	0	0	0		6541	
MALSE Kaneohe/ 02300	0	2	0	0	0	2	0	0	0	0		6541	
TOTAL:	0	145	0	0	0	145	0	0	0	0			
<u>MOS 6541</u>													
AR													
Blount Island/ 38450	0	1	0	0	0	1	0	0	0	0		6541	
MALS-42/ Marietta Ga/ 09513	0	4	0	0	0	4	0	0	0	0		6541	
MALS-49/ Stewart NY/ 55555	0	5	0	0	0	5	0	0	0	0		6541	
MALS-41/Fort Worth/03007	0	19	0	0	0	19	0	0	0	0		6541	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or Activities - New (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
MALS-46/ Miramar/03028	0	21	0	0	0	21	0	0	0	0		6541	
MOS 6541 TOTAL:	0	195	0	0	0	195	0	0	0	0		6541	
<u>USN TOTAL:</u>	0	633	0	0	0	633	0	0	0	0			
<u>USMC TOTAL:</u>	0	472	0	0	0	472	0	0	0	0			
<u>GRAND TOTAL:</u>	0	1105	0	0	0	1105	0	0	0	0			

II.1.d. Total Fleet and Fleet Support Billets for New System

	DESIG/ RATING	PNEC PMOS	SNEC SMOS	FY96		FY97		FY98		FY99		FY00	
				OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
<u>OPERATOR/AIRCREW...NA</u>													
<u>OPERATION & MAINT...NA</u>													
<u>TEAM.....NA</u>													
<u>MAINTENANCE</u>													
USN Fleet....NA													
USN Fleet Support													
AO	6802					2(LHD-5)							
AO	6802							6(CV-64)					

NOTE: This section indicates future AO intermediate level maintenance requirements.

II.A.2.a Fleet and Fleet Support Replacement - Phase Out Schedule

Date: Nov 95

<u>UNIT/ACTIVITY/SQUADRON/HULL NO/UIC</u>	<u>FY96</u>	<u>FY97</u>	<u>FY98</u>	<u>FY99</u>	<u>FY00</u>
LPH-9/USS Guam/07178		1			
LPH-11/USS New Orleans/07202			1		
CV-67/USS Kennedy/03367			1		

II.A.2.c Total Number of Billets to be Replaced in Fleet Support Units and/or Activities - Old

FLEET SUPPORT UNIT/UIC	TOTAL PER UNIT		OPER/ AIRCREW		MAINTENANCE		O & M/ OTHER		TEAM		RANK/ RATE/ RATING	NOBC/ PNEC PMOS	SNEC/ SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
LPH-9/USS Guam	0	2	0	0	0	2	0	0	0	0	A0	6801	
	0	1	0	0	0	1	0	0	0	0	AO	6802	
LPH-11/USS New Orleans	0	2	0	0	0	2	0	0	0	0	AO	6801	
	0	1	0	0	0	1	0	0	0	0	AO	6802	
CV-67/USS Kennedy	0	2	0	0	0	2	0	0	0	0	AO	6802	
TOTALS:	0	8	0	0	0	8	0	0	0	0			

II.A.2.d. Total Fleet and Fleet Support Billets for Old/Replaced System

	DESIG/	PNEC	SNEC	FY96		FY97		FY98		FY99		FY00	
	<u>RATING</u>	<u>PMOS</u>	<u>SMOS</u>	<u>OFF</u>	<u>ENL</u>								
<u>OPERATOR/AIRCREW....NA</u>													
<u>OPERATION & MAINT....NA</u>													
<u>TEAM.....NA</u>													
<u>MAINTENANCE</u>													
USN Fleet.....NA													
USN Fleet Support													
	AO	6801					2(LPH-9)						
	AO	6801							2(LPH-11)				
	AO	6802					1(LPH-9)						
	AO	6802							2(CV-67)				
	AO	6802							1(LPH-11)				

NOTE: This section indicates AO intermediate maintenance billets going away.

II.A.3. Net Total Officer and Enlisted Fleet and Support Billet Requirements

<u>RANK/ RATING</u>	<u>NAVY/ MARINE CORPS</u>	<u>FY96</u>		<u>FY97</u>		<u>FY98</u>		<u>FY99</u>		<u>FY00</u>	
		<u>OFF</u>	<u>ENL</u>								
AO	USN	0	0	0	-1	0	+1	0	0	0	0
	USMC	0	0	0	0	0	0	0	0	0	0

II.A.4. Training Activities Staff (Instructors/Support) Billet Requirements

<u>COURSE/TYPE</u> <u>OF TRAINING/CIN</u>	<u>SCHOOL</u> <u>LOCATION/UIC</u>		<u>Previous FYs</u>		<u>FY96</u>	<u>FY97</u>	<u>FY98</u>	<u>FY99</u>	<u>DESIG/</u>	<u>PNEC/</u>	<u>SNEC/</u>
			<u>OFF</u>	<u>ENL</u>	<u>OFF</u>	<u>ENL</u>	<u>OFF</u>	<u>ENL</u>	<u>RATING</u>	<u>PMOS</u>	<u>SMOS</u>
<u>INSTRUCTORS - Maintenance</u>											
D-646-7007/ General Shipboard/ NAS Weapons Department AVORD Maintenance	MTU-4032/ NAMTG NAS Norfolk/ 66046	ACDU SELRES	0 0	6 2					AO AO	6801 6801	9502 9502
	MTU-4030/ NAMTG NAS Mayport/ 66069	ACDU	0	1					AO	6801	9502
E-646-7007/ General Shipboard/ NAS Weapons Department AVORD Maintenance	MTU-4033/ NAMTG NAS North Island/ 66065	ACDU	0	4					AO	6801	9502
D-646-7001/ Strike Armament Systems Intermediate Maintenance	MTU-4030/ NAMTG NAS MAYPORT/ 66069	ACDU	0	4					AO	6802	9502
E-646-7001/ Strike Armament Systems Intermediate Maintenance	MTU-4033/ NAMTG NAS North Island/ 66065	ACDU	0	4					AO	6802	9502

NOTE: All instructors are in place.

II.A.4. Training Activities Staff (Instructors/Support) Billet Requirements (Cont.)

<u>COURSE/TYPE</u> <u>OF TRAINING/CIN</u>	<u>SCHOOL</u> <u>LOCATION/UIC</u>		Previous FYs	FY96	FY97	FY98	FY99	DESIG/ <u>RATING</u>	PNEC/ <u>PMOS</u>	SNEC/ <u>SMOS</u>
			<u>OFF ENL</u>							
<u>INSTRUCTORS - Maintenance (Continued)</u>										
M-646-7023/ Aviation Ordnance Intermediate Maintenance Technician	VMAT-203/ MCAS Cherry Point/ 45483	USMC	0	11					6541	
AO "A" School/	MATSG/NAS Pensacola/ 67389		0	5					6541	
	<u>USN TOTALS:</u>		0	21						
	<u>USMC TOTALS:</u>		0	16						

NOTE: All instructors are in place.

II.A.5 Chargeable Student Billet Requirements

<u>ACTIVITY/LOCATION/UIC</u>		FY96		FY97		FY98		FY99		FY00	
		<u>OFF</u>	<u>ENL</u>								
MTU-4032/NAS Norfolk/ 66046	USN	0	5	0	5	0	5	0	5	0	5
MTU-4030/NAS Mayport/ 66069	USN	0	13	0	13	0	13	0	13	0	13
MTU-4033/NAS North Island/66065	USN	0	17	0	17	0	18	0	17	0	17
VMAT-203/MCAS Cherry Point/45483	USMC	0	40	0	40	0	40	0	40	0	40
	<u>USN TOTAL:</u>	0	35	0	35	0	35	0	35	0	35
	<u>USMC TOTAL:</u>	0	40	0	40	0	40	0	40	0	40
	<u>GRAND TOTAL:</u>	0	75	0	75	0	75	0	75	0	75

II.A.6 Net Annual Incremental and Cumulative Billet Increase/Decrease - USN

		<u>Billet</u>	<u>FY96</u>		<u>FY97</u>		<u>FY98</u>		<u>FY99</u>		<u>FY00</u>	
		<u>BASE</u>	<u>+/-</u>	<u>CUM</u>								
a.	<u>OFFICER</u> NA											
b.	<u>ENLISTED</u>											
Fleet Billets	ACDU/TAR	7		7		7		7		7		7
	SELRES	2		2		2		2		2		2
Fleet Support Billets	ACDU/TAR	629		629	-1	628	+1	629		629		629
	SELRES	4		4		4		4		4		4
Staff Billets (Instructor Support)	ACDU/TAR	19		19		19		19		19		19
	SELRES	2		2		2		2		2		2
Chargeable Student Billets	ACDU/TAR	35		35	+1	36		36	-1	35	+1	36

II.A.6 Net Annual Incremental and Cumulative Billet Increase/Decrease - USMC

		<u>Billet</u>	<u>FY96</u>		<u>FY97</u>		<u>FY98</u>		<u>FY99</u>		<u>FY00</u>	
		<u>BASE</u>	<u>+/-</u>	<u>CUM</u>								
a.	<u>OFFICER</u> NA											
b.	<u>ENLISTED</u>											
Fleet Billets	USMC/AR	<u>418</u>	<u> </u>	<u>418</u>	<u> </u>	<u>418</u>	<u> </u>	<u>418</u>	<u> </u>	<u>418</u>	<u> </u>	<u>418</u>
	SMCR	<u> 0</u>	<u> </u>	<u> 0</u>	<u> </u>	<u> 0</u>	<u> </u>	<u> 0</u>	<u> </u>	<u> 0</u>	<u> </u>	<u> 0</u>
Fleet Support Billets	USMC/AR	<u>134</u>	<u> </u>	<u>134</u>	<u> </u>	<u>134</u>	<u> </u>	<u>134</u>	<u> </u>	<u>134</u>	<u> </u>	<u>134</u>
	SMCR	<u> 0</u>	<u> </u>	<u> 0</u>	<u> </u>	<u> 0</u>	<u> </u>	<u> 0</u>	<u> </u>	<u> 0</u>	<u> </u>	<u> 0</u>
Staff Billets (Instructor Support)	USMC/AR	<u> 37</u>	<u> </u>	<u> 37</u>	<u> </u>	<u> 37</u>	<u> </u>	<u> 37</u>	<u> </u>	<u> 37</u>	<u> </u>	<u> 37</u>
	SMCR	<u> 0</u>	<u> </u>	<u> 0</u>	<u> </u>	<u> 0</u>	<u> </u>	<u> 0</u>	<u> </u>	<u> 0</u>	<u> </u>	<u> 0</u>
Chargeable	USMC/AR	<u> 44</u>	<u> </u>	<u> 44</u>	<u> </u>	<u> 44</u>	<u> </u>	<u> 44</u>	<u> </u>	<u> 44</u>	<u> </u>	<u> 44</u>

II.B. PERSONNEL REQUIREMENTS

II.B.1. Fleet and Fleet Support Adjusted Annual Training Input Requirements - Class "A" School Training

<u>RATING/MOS</u>	<u>FY96</u>	<u>FY97</u>	<u>FY98</u>	<u>FY99</u>	<u>FY00</u>
AO	0	-1	+1	0	0

II.B.2. Fleet and Fleet Support Adjusted Annual Training Input Requirements - Skill Progression and Functional Training

COURSE/ TYPE OF TRAINING	ACDU/TAR SELRES	DESIG/ RATING	PNEC PMOS	SNEC SMOS	CIN	FY96		FY97		FY98		FY99		FY00		
						OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
<u>OPERATOR/AIRCREW</u>N/A																
<u>OPERATION & MAINTENANCE</u>Training																
<u>TEAM</u>NA																
<u>MAINTENANCE</u>																
Weapons Department General Aviation Ordnance	ACDU	AO	6801		646-7007	0	94	0	95	0	94	0	94	0	95	
Course Length:	6.0 weeks	Course Attrition Factor:		10%	Sea Tour Length:	36.0 months		Backout Factor:		0.12						
Strike Armament Intermediate Maintenance Repair	ACDU	AO	6802		646-7001	0	139	0	141	0	143	0	139	0	141	
	TAR	AO	6802		646-7001	0	5	0	6	0	5	0	5	0	6	
Course Length:	9.8 weeks	Course Attrition Factor:		10%	Sea Tour Length:	36.0 months		Backout Factor:		0.20						
Aviation Ordnance Intermediate Maintenance Technician	USMC		6541		646-7023	0	170	0	170	0	170	0	170	0	170	
	AR		6541		646-7023	0	27	0	27	0	28	0	27	0	27	
Course Length:	14.0 weeks	Course Attrition Factor:		0%	Sea Tour Length:	48.0 months		Backout Factor:		0.14						
USN Totals:						ACDU	0	233	0	236	0	237	0	233	0	236
						TAR	0	5	0	6	0	5	0	5	0	6
USMC Totals:						ACDU	0	170	0	170	0	170	0	170	0	170
						AR	0	27	0	27	0	27	0	27	0	27

II.B.4. Reserve Personnel Mobilization Adjusted Annual Training Input Requirements

<u>COURSE/TYPE</u> <u>OF TRAINING</u>	<u>RESERVE</u> <u>ACTIVITY</u>	<u>RANK</u> <u>RATING</u>	<u>PNEC</u> <u>PMOS</u>	<u>SNEC</u> <u>SMOS</u>	<u>CIN</u>	<u>FY96</u> <u>OFF ENL</u>	<u>FY97</u> <u>OFF ENL</u>	<u>FY98</u> <u>OFF ENL</u>	<u>FY99</u> <u>OFF ENL</u>	<u>FY00</u> <u>OFF ENL</u>
OPERATOR/AIRCREW.....NA										
OPERATION & MAINTENANCE										
AND/OR TEAM.....NA										
MAINTENANCE										
Strike Armament	VF-201/	AO	6802		646-7001	0 2	0 2	0 2	0 2	0 2
Intermediate	CV-62/									
Maintenance	CV-64									
Repair										
					<u>USN TOTAL:</u>	0 2	0 2	0 2	0 2	0 2

II.B.5. Total Number of Instructor and Support Personnel Required for Training Activities

SCHOOL/ LOCATION/ UIC	REQUIRED ON BOARD DATE	OPER/ AIRCREW COURSE		MAINT COURSE		OPER & MAINT COURSE		TEAM COURSE		SUPPORT PERSONNEL		ACDU/ TAR/ SELRES	DESIG/ RATING	PNEC PMOS	SNEC SMOS
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL				
MTU-4032/NAMTG NAS Norfolk/ 66046	On-board	0	0	0	6	0	0	0	0	0	0	ACDU	AO	6801	9502
	On-board	0	0	0	2	0	0	0	0	0	0	SELRES	AO	6801	9502
MTU-4030/NAMTG NAS Mayport/ 66069	On-board	0	0	0	1	0	0	0	0	0	0	ACDU	AO	6801	9502
MTU-4033/NAMTG NAS North Island/ 66065	On-board	0	0	0	4	0	0	0	0	0	0	ACDU	AO	6801	9502
MTU-4030/NAMTG NAS Mayport/66069	On-board	0	0	0	4	0	0	0	0	0	0	ACDU	AO	6802	9502
MTU-4033/NAMTG NAS North Island/ 66065	On-board	0	0	0	4	0	0	0	0	0	0	ACDU	AO	6802	9502
VMAT-203/MCAS Cherry Point/ 45483	On-board	0	0	0	11	0	0	0	0	0	0	USMC		6521	
HMT-303/MCAS Camp Pendleton/ 55176	On-board	0	0	0	2	0	0	0	0	0	0	USMC		6541	
VMAT-203/MCAS Cherry Point/ 45483	On-board	0	0	0	10	0	0	0	0	0	0	USMC		6541	
MATSG/NAS Pensacola/ 67389	On-board	0	0	0	5	0	0	0	0	0	0	USMC		6541	

II.B.6. Total Annual Training Input Requirements to Attain and Sustain Fleet, Fleet Support, Industrial, Foreign, Non-Military, Reserve, Instructor, and Support Requirements

COURSE/ TYPE OF TRAINING	SOURCE OF REQUIREMENT	ACDU/ TAR/ SELRES	PNEC PMOS	SNEC SMOS	FY96		FY97		FY98		FY99		FY00		
					OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
<u>OPERATION/AIRCREW....NA</u>															
<u>OPERATION & MAINT....NA</u>															
<u>TEAM.....NA</u>															
<u>MAINTENANCE</u>															
646-7007/ Weapons Department General Aviation Ordnance	Fleet Support Instructor Instructor	ACDU ACDU SELRES	6801 6801 6801	 9502 9502	 	0 0 0	94 4 1	 0 0	95 3 1	 0 0	94 4 0	 0 0	94 4 1	 0 0	95 3 1
646-7001/ Strike Armament Intermediate Maintenance Repair	Fleet Fleet Fleet Support Fleet Support Instructor	ACDU SELRES ACDU TAR SELRES ACDU	6802 6802 6802 6802 6802	 9502	 	0 0 0 0 0	2 1 137 5 1 3	 0 0 0 0	3 1 138 6 1 3	 0 0 0 0	2 1 141 5 1 2	 0 0 0 0	2 1 137 5 1 3	 0 0 0 0	3 1 138 6 1 3
646-7023/Aviation Ordnance Intermediate Maintenance Technician	Fleet Fleet Fleet Support Fleet Support Instructor	USMC AR USMC AR USMC	6521 6521 6521 6521 6521	 	 	0 0 0 0 0	91 10 79 17 4	 0 0 0 0	91 11 79 16 3	 0 0 0 0	91 11 79 17 4	 0 0 0 0	91 10 79 17 4	 0 0 0 0	91 11 79 16 3
USN ACDU TOTALS:						0	240	0	242	0	243	0	240	0	242
TAR TOTALS:						0	5	0	6	0	5	0	5	0	6
SELRES TOTALS:						0	3	0	3	0	2	0	3	0	3
USMC TOTALS:						0	174	0	173	0	174	0	174	0	173
AR TOTALS:						0	27	0	27	0	28	0	27	0	27

PART III - TRAINING REQUIREMENTS

III.A. TRAINING COURSE AND TRAINING INPUT REQUIREMENTS

III.A.1. Initial Training

* Initial training has been completed.

III.A.2. Follow-on Training (Operation, Maintenance, Operation and Maintenance, Team, and Prerequisite) NAVY

TRAINING ACTIVITY/ LOCATION/UIC	COURSE/ TYPE OF TRAINING	DATE BEGIN/ COURSE LENGTH/ MAX CLASS SIZE/ ACDU/TAR/SELRES	FY96		FY97		FY98		FY99		FY00		
			OFF	ENL									
MTU-4032/ NAMTG NAS Norfolk/ 66046	D-646-7007/ Weapons Department General Aviation Ordnance	On Line/ 40 days/ 10/ ACDU	0	49	0	48	0	49	0	49	0	48 (Total)	
			0	49	0	48	0	49	0	49	0	48 (N Input)	
			0	44	0	43	0	44	0	44	0	43 (N Output)	
			0.0	5.1	0.0	5.0	0.0	5.1	0.0	5.1	0.0	5.0 (N AOB)	
			0.0	5.1	0.0	5.0	0.0	5.1	0.0	5.1	0.0	5.0 (N Chargeable)	
MTU-4030 NAMTG NAS Mayport/ 66069	D-646-7007/ Weapons Department General Aviation Ordnance	On Line/ 40 days/ 10/ ACDU	0	8	0	9	0	8	0	8	0	9 (Total Input)	
			0	8	0	9	0	8	0	8	0	9 (N Input)	
			0	7	0	8	0	7	0	7	0	8 (N Output)	
			0.0	0.8	0.0	0.9	0.0	0.8	0.0	0.8	0.0	0.8	0.0
			0.0	0.8	0.0	0.9	0.0	0.8	0.0	0.8	0.0	0.9 (N Chargeable)	
MTU-4033/ NAMTG NAS North Island/ 66065	E-646-7007/ Weapons Department General Aviation Ordnance	On Line/ 40 days/ 10/ ACDU	0	41	0	41	0	41	0	41	0	41 (Total Input)	
			0	41	0	41	0	41	0	41	0	41 (N Input)	
			0	37	0	37	0	37	0	37	0	37 (N Output)	
			0.0	4.3	0.0	4.3	0.0	4.3	0.0	4.3	0.0	4.3	0.0
			0.0	4.3	0.0	4.3	0.0	4.3	0.0	4.3	0.0	4.3 (N Chargeable)	
MTU-4030 NAMTG NAS Mayport/ 66069	D-646-7001/ Strike Armament Intermediate Maintenance Repair	On Line/ 65 days/ 8/ ACDU	0	72	0	73	0	70	0	72	0	73 (Total Input)	
			0	69	0	69	0	67	0	69	0	69 (N Input)	
			0	62	0	62	0	60	0	62	0	62 (N Output)	
			0.0	11.7	0.0	11.7	0.0	11.3	0.0	11.7	0.0	11.7	0.0
				0.0	11.7	0.0	11.7	0.0	11.3	0.0	11.7	0.0	11.7 (N Chargeable)
		On Line/ 65 days/ 8/ TAR		0	3	0	4	0	3	0	3	0	4 (Total Input)
				0	3	0	4	0	3	0	3	0	4 (N Input)
				0	3	0	4	0	3	0	3	0	4 (N Output)
0.0				0.5	0.0	0.7	0.0	0.5	0.0	0.5	0.0	0.5	0.0
			0.0	0.5	0.0	0.7	0.0	0.5	0.0	0.5	0.0	0.7 (N Chargeable)	

III.A.2. Follow-on Training (Operation, Maintenance, Operation and Maintenance, Team, and Prerequisite) NAVY

TRAINING ACTIVITY/ LOCATION/UIC	COURSE/ TYPE OF TRAINING	DATE BEGIN/ COURSE LENGTH/ MAX CLASS SIZE/ ACDU/TAR/SELRES	FY96		FY97		FY98		FY99		FY00	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU-4033/ NAMTG NAS/ North Island/ 66065	E-646-7001/ Strike Armament	On line/	0	77	0	79	0	82	0	77	0	79 (Total Input)
		65 days/	0	73	0	75	0	78	0	73	0	75 (N Input)
	Systems	8/	0	66	0	67	0	70	0	66	0	67 (N Output)
		Intermediate	ACDU	0.0	12.4	0.0	12.6	0.0	13.2	0.0	12.4	0.0
	Maintenance		0.0	12.4	0.0	12.6	0.0	13.2	0.0	12.4	0.0	12.6 (N Chargeable)
		On line/										(Total Input)
		65 days/	0	2	0	2	0	2	0	2	0	2 (N Input)
		8/	0	2	0	2	0	2	0	2	0	2 (N Output)
		TAR	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4 (N AOB)
			0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4 (N Chargeable)
	On line/										(Total Input)	
	65 days/	0	2	0	2	0	2	0	2	0	2 (N Input)	
	8/	0	2	0	2	0	2	0	2	0	2 (N Output)	
	SELRES	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4 (N AOB)	
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 (N Chargeable)	
	<u>TOTAL NAVY AOB:</u>		0.0 35.6		0.0 36.0		0.0 36.0		0.0 35.6		0.0 36.0	
	<u>TOTAL NAVY CHARGEABLE:</u>		0.0 35.2		0.0 35.6		0.0 35.6		0.0 35.2		0.0 35.6	

III.A.2. Follow-on Training (Operation, Maintenance, Operation and Maintenance, Team, and Prerequisite) USMC

TRAINING ACTIVITY/ LOCATION/UIC	COURSE/ TYPE OF TRAINING	DATE BEGIN/ COURSE LENGTH/ MAX CLASS SIZE/ ACDU/TAR/SELRES	FY96		FY97		FY98		FY99		FY00	
			OFF	ENL								
VMAT-203/ MCAS Cherry Point/ 45483	M-646-7023/ Aviation Ordnance Intermediate Maintenance Technician	On line/ 47 days/ 10/ USMC	0	201	0	200	0	202	0	201	0	200 (Total Input)
			0	174	0	173	0	174	0	174	0	173 (M Input)
			0	174	0	173	0	174	0	174	0	173 (M Output)
			0.0	22.4	0.0	22.3	0.0	22.4	0.0	22.4	0.0	22.3 (M AOB)
			0.0	22.4	0.0	22.3	0.0	22.4	0.0	22.4	0.0	22.3 (M Chargeable)
		On line/										(Total Input)
		47 days/	0	27	0	27	0	28	0	27	0	27 (M Input)
		10/	0	27	0	27	0	28	0	27	0	27 (M Output)
		AR	0.0	3.5	0.0	3.5	0.0	3.6	0.0	3.5	0.0	3.5 (M AOB)
			0.0	3.5	0.0	3.5	0.0	3.6	0.0	3.5	0.0	3.5 (M Chargeable)

PART IV - TRAINING LOGISTIC SUPPORT REQUIREMENTS

Note: The following elements are not affected at this time by the Sidewinder Missile System and, therefore, are not included in this NTP.

IV.A. TRAINING HARDWARE REQUIREMENTS

IV.A.1 Technical Training Equipment

IV.A.2. Test Equipment - General Purpose/Special Purpose/Special Tools

IV.A.3. Electronic Test Equipment - General Purpose/Special Purpose

IV.A.4. Repair Parts for Technical Training Equipment

IV.B. INITIAL TRAINING REQUIREMENTS

IV.B.1. Training Services

IV.C. FACILITY SUPPORT REQUIREMENTS

IV.C.1. Facility Requirements Summary (Space/Support) by Activity

IV.C.2. Facility Requirements Detailed by Activity by Course

IV.C.3. Facility Project Summary by Program

IV.A. TRAINING HARDWARE REQUIREMENTS

IV.A.5.(a) Training Device - Captive Air Training Missile (CATM)

Description of Device: CATMs will be used for hands-on training and practice for actual weapon capabilities.

Manufacturer N/A
Contract Number..... N/A
TDRD Status..... N/A
TEE Status..... N/A

<u>COURSE/TYPE</u> <u>OF TRAINING</u>	<u>SQUADRON</u>	<u>DEVICE</u>	<u>QTY.</u> <u>REQ'D</u>	<u>DATE</u> <u>REQ'D</u>
None/Proficiency	VFA-22	A-50-8105B-001	10	On-hand
	VFA-25	A-50-8105B-001	10	On-hand
	VFA-27	A-50-8105B-001	10	On-hand
	VFA-94	A-50-8105B-001	10	On-hand
	VFA-97	A-50-8105B-001	10	On-hand
	VFA-113	A-50-8105B-001	10	On-hand
	VFA-116	A-50-8105B-001	10	On-hand
	VFA-125 (FRS)	A-50-8105B-001	20	On-hand
	VFA-147	A-50-8105B-001	10	On-hand
	VFA-151	A-50-8105B-001	10	On-hand
	SFWS/P	A-50-8105B-001	10	On-hand
	VFA-137	A-50-8105B-001	10	On-hand
	VFA-192	A-50-8105B-001	10	On-hand
	VFA-195	A-50-8105B-001	10	On-hand
	VFA-15	A-50-8105B-001	10	On-hand
	VFA-37	A-50-8105B-001	10	On-hand
	VFA-81	A-50-8105B-001	10	On-hand
	VFA-82	A-50-8105B-001	10	On-hand
	VFA-83	A-50-8105B-001	10	On-hand
	VFA-86	A-50-8105B-001	10	On-hand
	VFA-87	A-50-8105B-001	10	On-hand
	VFA-105	A-50-8105B-001	10	On-hand
	VFA-106 (FRS)	A-50-8105B-001	20	On-hand
	VFA-131	A-50-8105B-001	10	On-hand
	VFA-136	A-50-8105B-001	10	On-hand
	SFWS/L	A-50-8105B-001	10	On-hand
	VFA-203 (R)	A-50-8105B-001	10	On-hand
	VFA-204 (R)	A-50-8105B-001	10	On-hand
	STRIKE U	A-50-8105B-001	10	On-hand
	VMFA-115	A-50-8105B-001	10	On-hand
	VMFA-122	A-50-8105B-001	10	On-hand

IV.A.5.(a) Training Device - CATM (Continued)

<u>COURSE/TYPE</u> <u>OF TRAINING</u>	<u>SQUADRON</u>	<u>DEVICE</u>	<u>QTY.</u> <u>REQ'D</u>	<u>DATE</u> <u>REQ'D</u>
	VMFA-251	A-50-8105B-001	10	On-hand
	VMFA-451	A-50-8105B-001	10	On-hand
	VMFA-142 (R)	A-50-8105B-001	10	On-hand
	VMFA-321 (R)	A-50-8105B-001	10	On-hand
	VMFAT-101	A-50-8105B-001	20	On-hand
	VMFA-212	A-50-8105B-001	10	On-hand
	VMFA-232	A-50-8105B-001	10	On-hand
	VMFA-314	A-50-8105B-001	10	On-hand
	VMFA-323	A-50-8105B-001	10	On-hand
	VMFA-134 (R)	A-50-8105B-001	10	On-hand
	VMFA-112 (R)	A-50-8105B-001	10	On-hand
	VMFAAW-224	A-50-8105B-001	10	On-hand
	VMFAAW-332	A-50-8105B-001	10	On-hand
	VMFAAW-533	A-50-8105B-001	10	On-hand
	VMFAAW-121	A-50-8105B-001	10	On-hand
	VMFAAW-225	A-50-8105B-001	10	On-hand
	VMFAAW-242	A-50-8105B-001	10	On-hand
	VF-2	A-50-8105B-001	10	On-hand
	VF-14	A-50-8105B-001	10	On-hand
	VF-32	A-50-8105B-001	10	On-hand
	VF-41	A-50-8105B-001	10	On-hand
	VF-101 (R)	A-50-8105B-001	20	On-hand
	VF-102	A-50-8105B-001	10	On-hand
	VF-103	A-50-8105B-001	10	On-hand
	VF-143	A-50-8105B-001	10	On-hand
	VF-11	A-50-8105B-001	10	On-hand
	VF-24	A-50-8105B-001	10	On-hand
	VF-31	A-50-8105B-001	10	On-hand
	VF-101 Det. (FRS)	A-50-8105B-001	20	On-hand
	VF-154	A-50-8105B-001	10	On-hand
	VF-211	A-50-8105B-001	10	On-hand
	VF-213	A-50-8105B-001	10	On-hand
	VF-201 (R)	A-50-8105B-001	10	On-hand
	VMA-211	A-50-8105B-001	10	On-hand
	VMA-214	A-50-8105B-001	10	On-hand
	VMA-311	A-50-8105B-001	10	On-hand
	VMA-513	A-50-8105B-001	10	On-hand
	MAWTS-1	A-50-8105B-001	20	On-hand
	VMAT-203	A-50-8105B-001	10	On-hand

IV.A.5.(a) Training Device - CATM (Continued)

<u>COURSE/TYPE</u> <u>OF TRAINING</u>	<u>SQUADRON</u>	<u>DEVICE</u>	<u>QTY.</u> <u>REQ'D</u>	<u>DATE</u> <u>REQ'D</u>
	VMA-223	A-50-8105B-001	10	On-hand
	VMA-231	A-50-8105B-001	10	On-hand
	VMA-542	A-50-8105B-001	10	On-hand
	HMLA-169	A-50-8105B-001	4	On-hand
	HMLA-267	A-50-8105B-001	4	On-hand
	HMLA-367	A-50-8105B-001	4	On-hand
	HMLA-369	A-50-8105B-001	4	On-hand
	HMLA-775 (R)	A-50-8105B-001	4	On-hand
	HMLA-167	A-50-8105B-001	4	On-hand
	HMLA-269	A-50-8105B-001	4	On-hand
	STRIKE Armament	A-50-8105B-001	10	On-hand
	VX-1	A-50-8105B-001	10	On-hand
	VX-9	A-50-8105B-001	10	On-hand
		TOTAL QTY. REQ'D.:	848	

NOTE: The CATM-9M requirements (A-50-8105B-001) listed represent a mix of CATM-9M configurations (see Table I-2). WGU-4E/B GCS are being procured through the AIM-9M-8 Retrofit Program. Approximately 510 CATM-9Ms have been retrofitted to the CATM-9M-12 configuration using the WGU-4E/B GCS. The 848 CATM-9Ms represent an 86% readiness objective of 982 total CATM-9Ms needed to support the maintenance pipeline.

IV.A.5.(b) Training Device - Dummy Air Training Missile (DATM)

Description of Device: DATMs will be used for hands-on training and practice for actual weapon capabilities.

Manufacturer N/A

Contract Number..... N/A

TDRD Status..... N/A

TEE Status..... N/A

<u>COURSE/TYPE OF TRAINING</u>	<u>LOCATION/ SCHOOL/UIC</u>	<u>DEVICE</u>	<u>QTY. REQ'D</u>	<u>DATE REQ'D</u>
C-646-2010/ AO Class A1 30459	NATTC/ NAS Memphis/	A-50-8105B-002	2	On-hand
C-646-3893/ AV-8B Conventional Weapons Loading and None/ F/A-18 Conventional Weapons Loading and C-646-4107/ Aviation Ordnance Munitions Tech.	VMAT-203/ MCAS Cherry Point/57080	A-50-8105B-002	2	On-hand
D-646-0640/ F/A-18 Conventional Weapons Loading	SFWSL/ NAS Cecil Field/47084	A-50-8105B-002	2	On-hand
E-646-0640/ F/A-18 Conventional Weapons Loading	SFWSP/ NAS Lemoore/ 35185	A-50-8105B-002	2	On-hand
D-646-1642/ F-14 Conventional Weapons Loading	VF-101/ NAS Oceana/ 09067	A-50-8105B-002	2	On-hand

IV.A.5.(b) Training Device - DATM (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>LOCATION/ SCHOOL/UIC</u>	<u>DEVICE</u>	<u>QTY. REQ'D</u>	<u>DATE REQ'D</u>
C-646-2402 Helicopter Conv. Weapons Loading and C-646-9361 Rotary Wing Armament Repair Organizational Maintenance	HMT-303 FREST/ MCAS Camp Pendleton/ 66063	A-50-8105B-002	1	On hand
C-122-3111 Air Launched Missile IMA and C-646-4108 Weapons Department General Aviation Ordnance Supervisor and C-646-4109 Weapons Department General Aviation Ordnance	MTU-4030/ NAMTG Mayport/66069	A-50-8105B-002	2	On-hand
C-122-3111 Air Launched Missile IMA and C-646-4108 Weapons Department General Aviation Ordnance Supervisor and C-646-4109 Weapons Department General Aviation Ordnance	MTU-4032/ NAMTG Norfolk/66046	A-50-8105B-002	2	On-hand

IV.A.5.(b) Training Device - DATM (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>LOCATION/ SCHOOL/UIC</u>	<u>DEVICE</u>	<u>QTY. REQ'D</u>	<u>DATE REQ'D</u>
C-122-3111 Air Launched Missile IMA and C-646-4108 Weapons Department General Aviation Ordnance Supervisor and C-646-4109 Weapons Department General Aviation Ordnance	MTU-4033/ NAMTG North Island/ 66046	A-50-8105B-002	2	On-hand
C-646-9962 F-14A/B Armament Systems OMA (Initial) and C-646-9963 F-14A/B Armament Systems OMA (Career)	MTU-1007/ NAMTG Oceana/ 66045	A-50-1805B-002	2	On-hand
F/A-18 Conventional Weapons Loading	NAS Willow Grove PA/00158	A-50-8105B-002	1	On-hand
F/A-18 Conventional Weapons Loading	NAF Washington DC/00166	A-50-8105B-002	1	On-hand
F/A-18 Conventional Weapons Loading	NAS New Orleans LA/00206	A-50-8105B-002	1	On-hand
F/A-18 Conventional Weapons Loading	NAS Dallas TX/00215	A-50-8105B-002	1	On-hand

NOTE: Existing AIM-9L Dummy Air Training Missiles (DATM-9M-1&2) will be used to support the training of USN and USMC ground maintenance technicians for assembly, disassembly, loading, transportation, stowage procedures and techniques for the Sidewinder missiles.

IV.A.5.(c) Training Device - Practical Explosive Ordnance Disposal System Trainer (PEST)

Description of Device: The PEST will have easily replaceable parts that will be built into the missile where EOD procedures indicate destructive type work will be needed for EOD training. Electrical parts not required for EOD procedures will be identical in external configuration, weight, and center of gravity, but are not functional.

Manufacturer N/A

Contract Number .. N/A

TDRD Status N/A

TEE Status N/A

<u>COURSE/TYPE OF TRAINING</u>	<u>LOCATION/ SCHOOL/UIC</u>	<u>DEVICE</u>	<u>QTY. REQ'D</u>	<u>DATE REQ'D</u>
A-431-0011/ EOD Phase II Navy	NAVSCOLEOD NSWC Indian Head/30446	A-50-8105B-003	3	On-hand
G-431-0001/ EOD Pre-depl- oyment Training	EODTEU ONE/ NAS Barbers Point/30202	A-50-8105B-003	1	On-hand
G-431-0001/ EOD Pre-deplo- yment Training	EODTEU TWO/ Fort Story/ 43505	A-50-8105B-003	1	On-hand

IV.A.5.(d) Training Device - Classroom EOD Systems Trainer (CEST)

Description of Device: CEST will be used for hands-on training and practice for actual weapons capabilities.

Manufacturer..... N/A

Contract Number..... N/A

TDRD Status..... N/A

TEE Status..... N/A

<u>COURSE/TYPE OF TRAINING</u>	<u>LOCATION/ SCHOOL/UIC</u>	<u>DEVICE</u>	<u>QTY. REQ'D</u>	<u>DATE REQ'D</u>
A-431-0011/ Explosive Ordnance Disposal Phase II	NAVSCOLEOD/ NSWC-IH/ 42354	A-50-8105B-004	1	On-hand
A-431-0012/ Explosive Ordnance Disposal Phase II	NAVSCOLEOD/ NSWC-IH/ 42354	A-50-8105B-004	1	On-hand
G-431-0001/ Navy Explosive Ordnance Team Readiness Improvement Training	NAS Barbers Point/EODTEU ONE/ 32059	A-50-8105B-004	1	On-hand
G-431-0001/ Navy Explosive Ordnance Team Readiness Improvement Training	Fort Story/ EODTEU TWO/ 20015	A-50-8105B-004	1	On-hand

IV.B. INITIAL TRAINING REQUIREMENTS

IV.B.2. Curricula Materials

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TYPE OF MATERIAL</u>	<u>QTY. REQ'D</u>	<u>DATE REQ'D</u>
None/ AV-8 Pilot Basic and None/ AV-8 Pilot Transition and None/ AV-8 Pilot Conversion and None/ AV-8 Pilot Refresher	VMAT-203/ MCAS Cherry Point/45483	Instructor Guides, Lesson Plans, Trainee Guide, On-the-Job Training Handbook	1 Set	Nov. 94 Onboard
D-2A-1601/ F-14 Pilot Cat. 1 and D-2A-1602/ F-14 Pilot Cat. 2 and D-2A-1603/ F-14 Pilot Cat. 3 and D-2A-1605/ F-14 Pilot IUT Category 5 and D-2D-1601/ F-14 NFO Cat. 1 and D-2D-1602/ F-14 NFO Cat. 2 and D-2D-1603/ F-14 NFO Cat. 3 and D-2D-1605/ F-14 NFO IUT Category 5 and	VF-101/NAS Oceana/ 09067	Instructor Guides, Lesson Plans, Trainee Guides On-the-Job Training Handbook	1 Set	Nov. 94 Onboard

IV.B.2. Curricula Materials (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TYPE OF MATERIAL</u>	<u>QTY. REQ'D</u>	<u>DATE REQ'D</u>
D-646-1642/ F-14 Conventional Weapons Loading				
D-2A-0601/ F/A-18 Cat. 1 Fleet Replacement Pilot and D-2A-0602/ F/A-18 Cat. 2A (Attack) Fleet Replacement Pilot and D-2A-0604/ F/A-18 Cat. 3A Fleet Replacement Pilot	VFA-106/ NAS Cecil Field/ 09679	Instructor Guides, Lesson Plans, Trainee Guide, On-the-Job Training Handbook	1 Set	Nov. 94 Onboard
E-2A-0601/ F/A-18 Cat. 1 Fleet Replacement Pilot and E-2A-0602/ F/A-18 Cat. 2A (Attack) Fleet Replacement Pilot and E-2A-0604/ F/A-18 Cat. 3A Fleet Replacement Pilot	VFA-125/ NAS Lemoore/ 65559	Instructor Guides, Lesson Plans, Trainee Guide On-the-Job Training Handbook	1 Set	Nov. 94 Onboard
None/ F/A-18 Cat. 1 Fleet Replacement Pilot and	VMFAT-101/ MCAS El Toro/ 45526	Instructor Guides, Lesson Plans Trainee Guide, On-the-Job Training Handbook	1 Set	Nov. 94 Onboard

IV.B.2. Curricula Materials (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TYPE OF MATERIAL</u>	<u>QTY. REQ'D</u>	<u>DATE REQ'D</u>
None/ F/A-18 Cat. 2A (Attack) Fleet Replacement Pilot and None/ F/A-18 Cat. 2F (Fighter) Fleet Replacement Pilot and None/ F/A-18 Cat. 3 Fleet Replacement Pilot and None/ F/A-18D Fleet Replacement Pilot Cat. 1 and None/ F/A-18D Fleet Replacement Pilot Cat. 2 and None/ F/A-18D Fleet Replacement Pilot Cat. 3 and None/ F/A-18D WSO Cat. 1 and None/ F/A-18D WSO Cat. 2 and				

IV.B.2. Curricula Materials (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TYPE OF MATERIAL</u>	<u>QTY. REQ'D</u>	<u>DATE REQ'D</u>
None/ F/A-18D WSO Cat. 3				
None/ AH-1 Pilot Basic and None/ AH-1 Pilot Transition and None/ AH-1 Pilot Conversion and None/ AH-1 Pilot Refresher	HMT-303/MCAF Camp Pendleton/ 55176	Instructor Guides, Lesson Plans, Trainee Guide On-the-Job Training Handbook	1 Set	Nov. 94 Onboard

IV.B.3. Training Aids

IV.B.3.(a) Operator (Air Crew) Training Aids

<u>COURSE/TYPE OF TRAINING</u>	<u>SQUADRON</u>	<u>ITEM/TITLE</u>	<u>QTY. REQ'D</u>	<u>DATE REQ'D</u>
TBD/SFWT	VFA-22	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VFA-25	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VFA-27	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VFA-94	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VFA-97	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VFA-113	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VFA-116	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VFA-125 (FRS)	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VFA-147	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VFA-151	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	SFWS/P	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VFA-137	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VFA-192	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VFA-195	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VFA-15	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VFA-37	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VFA-81	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VFA-82	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VFA-83	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand

IV.B.3.(a) Operator (Air Crew) Training Aids (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SQUADRON</u>	<u>ITEM/TITLE</u>	<u>QTY. REQ'D</u>	<u>DATE REQ'D</u>
TBD/SFWT	VFA-86	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VFA-87	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VFA-105	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VFA-106 (FRS)	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VFA-131	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VFA-136	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	SFWS/L	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VFA-203 (R)	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VFA-204 (R)	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	STRIKE U	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VMFA-115	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VMFA-122	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VMFA-251	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VMFA-451	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VMFA-142 (R)	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VMFA-321 (R)	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VMFAT-101	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VMFA-212	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VMFA-232	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VMFA-314	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand

IV.B.3.(a) Operator (Air Crew) Training Aids (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SQUADRON</u>	<u>ITEM/TITLE</u>	<u>QTY. REQ'D</u>	<u>DATE REQ'D</u>
None/Proficiency	VMFA-323	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VMFA-134 (R)	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VMFA-112 (R)	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VMFAAW-224	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VMFAAW-332	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VMFAAW-533	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VMFAAW-121	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VMFAAW-225	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VMFAAW-242	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VF-2	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VF-14	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VF-32	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VF-41	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VF-101 (R)	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VF-102	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VF-103	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VF-143	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VF-11	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VF-24	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VF-31	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand

IV.B.3.(a) Operator (Air Crew) Training Aids (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SQUADRON</u>	<u>ITEM/TITLE</u>	<u>QTY. REQ'D</u>	<u>DATE REQ'D</u>
None/Proficiency	VF-101 Det. (FRS)	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VF-154	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VF-211	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VF-213	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
TBD/SFWT	VF-201 (R)	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VMA-211	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VMA-214	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VMA-311	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VMA-513	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	MAWTS-1	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VMAT-203	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VMA-223	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VMA-231	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	VMA-542	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	HMLA-169	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	HMLA-267	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	HMLA-367	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	HMLA-369	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	HMLA-775 (R)	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand

IV.B.3.(a) Operator (Air Crew) Training Aids (Continued)

<u>COURSE/TYPE</u> <u>OF TRAINING</u>	<u>SQUADRON</u>	<u>ITEM/TITLE</u>	<u>QTY.</u> <u>REQ'D</u>	<u>DATE</u> <u>REQ'D</u>
None/Proficiency	HMLA-167	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand
None/Proficiency	HMLA-269	AIM-9M-8 ICW	1	Mar. 97*
		AIM-9M-8/9 Video	1	on-hand

* NOTE: AIM-9M-8 Aircrew ICW will be provided on a single CD-ROM and distributed by NSAWC.

IV.B.4. Technical Manuals

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TECHNICAL MANUAL TITLE AND NUMBER</u>	<u>MEDIUM</u>	<u>QTY. REQ'D</u>	<u>DATE REQ'D</u>
None/ AV-8 Pilot Basic and None/ AV-8 Pilot Transition and None/ AV-8 Pilot Conversion and None/ AV-8 Pilot Refresher	VMAT-203/ MCAS Cherry Point/45483	A1-AV8BB-NFM-000, AV-8B NATOPS A1-AV8BB-LWS-000, AV-8B Airborne Weapons Stores/Loading Manual A1-AV8BB-TAC-010, Tactical Manual, AV-8B Aircraft A1-AV8BB-LWS-530, AV-8B Aircraft, AIM-9 Loading Manual AV-8B Aircraft	Hard copy	8 each	Nov. 1994
D-2A-1601/ F-14 Pilot Cat. 1 and D-2A-1602/ F-14 Pilot Cat. 2 and D-2A-1603/ F-14 Pilot Cat. 3 and D-2A-1605/ F-14 Pilot IUT Category 5 and D-2D-1601/ F-14 NFO Cat. 1 and D-2D-1602/ F-14 NFO Cat. 2 and D-2D-1603/ F-14 NFO Cat. 3 and	VF-101/NAS Oceana/09067	NA 01-F14AAA-1,F-14 NATOPS NA 01-F14AAA-1.1T, F-14 Tactical Manual NA 01-F14AAA-75, F-14 Airborne Weapons Stores/Loading Manual NA 01-F14AAA-75-20, F-14 Aircraft, AIM-9 Missile, Conventional Weapons Checklist	Hard copy	6 each	Nov. 1994

Note: Technical Manuals listed are already on-site. These manuals will be updated with AIM-9M-8 information.

IV.B.4. Technical Manuals (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TECHNICAL MANUAL TITLE AND NUMBER</u>	<u>MEDIUM</u>	<u>QTY. REQ'D</u>	<u>DATE REQ'D</u>
D-2D-1605/ F-14 NFO IUT Category 5 and D-646-1642/ F-14 Conventional Weapons Loading					
D-2A-0601/ F/A-18 Cat. 1 Fleet Replacement Pilot and D-2A-0602/ F/A-18 Cat. 2A (Attack) Fleet Replacement Pilot and D-2A-0604/ F/A-18 Cat. 3A Fleet Replacement Pilot	VFA-106/ NAS Cecil Field/09679	A1-F18AC-NFM-000, F/A-18 NATOPS A1-F18AC-TAC-000, Tactical Manual A1-F18AE-LWS-000, Airborne Weapons Stores/Loading Manual A1-F18AC-LWS-530, F-18 Aircraft, AIM-9 Missile, Conventional Weapons Checklist	Hard copy	6 each	Nov. 1994
E-2A-0601/ F/A-18 Cat. 1 Fleet Replacement Pilot and E-2A-0602/ F/A-18 Cat. 2A (Attack) Fleet Replacement Pilot and E-2A-0604/ F/A-18 Cat. 3A Fleet Replacement Pilot	VFA-125/ NAS Lemoore/ 65559	A1-F18AC-NFM-000, F/A-18 NATOPS A1-F18AC-TAC-000, Tactical Manual A1-F18AE-LWS-000, Airborne Weapons Stores/Loading Manual A1-F18AC-LWS-530, F-18 Aircraft, AIM-9 Missile, Conventional Weapons Checklist	Hard copy	6 each	Nov. 1994

Note: Technical Manuals listed are already on-site. These manuals will be updated with AIM-9M-8 information.

IV.B.4. Technical Manuals (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TECHNICAL MANUAL TITLE AND NUMBER</u>	<u>MEDIUM</u>	<u>QTY. REQ'D</u>	<u>DATE REQ'D</u>
None/ F/A-18 Cat. 1 Fleet Replacement Pilot and None/ F/A-18 Cat. 2A (Attack) Fleet Replacement Pilot and None/ F/A-18 Cat. 2F (Fighter) Fleet Replacement Pilot and None/ F/A-18 Cat. 3 Fleet Replacement Pilot and None/ F/A-18D Fleet Replacement Pilot Cat. 1 and None/ F/A-18D Fleet Replacement Pilot Cat. 2 and None/ F/A-18D Fleet Replacement Pilot Cat. 3 and None/ F/A-18D WSO Cat. 1 and	VMFAT-101/ MCAS El Toro/ 45526	A1-F18AC-NFM-000, F/A-18 NATOPS A1-F18AC-TAC-000, Tactical Manual A1-F18AE-LWS-000, Airborne Weapons Stores/Loading Manual A1-F18AC-LWS-530, F-18 Aircraft, AIM-9 Missile, Conventional Weapons Checklist	Hard copy	6 each	Nov. 1994

Note: Technical Manuals listed are already on-site. These manuals will be updated with AIM-9M-8 information.

IV.B.4. Technical Manuals (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TECHNICAL MANUAL TITLE AND NUMBER</u>	<u>MEDIUM</u>	<u>QTY. REQ'D</u>	<u>DATE REQ'D</u>
None/ F/A-18D WSO Cat. 2 and None/ F/A-18D WSO Cat. 3					
None/ AH-1 Pilot Basic and None/ AH-1 Pilot Transition and None/ AH-1 Pilot Conversion and None/ AH-1 Pilot Refresher	HMT-303/MCAF Camp Pendleton/ 55176	NA 01-H1AAA-1, AH-1 NATOPS NA 01-H1AAA-75, AH-1 Airborne Weapons Stores/Loading Manual NWP-55-3-AH1, AH-1 Tactical Manual NA 01-H1AAA-75-20, Conventional Weapons Checklist AH-1 Aircraft	Hard copy	8 each	Nov. 1994
M-646-0147/ AV-8B Conventional Weapons Loading and None/ F/A-18 Conventional Weapons Loading and None/ AH-1 Conventional Weapons Loading and C-646-4107/ Aviation Ordnance Munitions Tech	VMAT-203/ MCAS Cherry Point/57080	A1-AV8BB-LWS-000, Airborne Weapons/Stores Loading Manual AV-8B Aircraft A1-AV8BB-LWS-530, AV-8B Aircraft, AIM-9 Conventional Weapons Checklist A1-F18AC-LWS-000, Airborne Weapons/Stores Loading Manual, F-18 Aircraft A1-F18AC-LWS-530, F-18 Aircraft, AIM-9 Missile, Conventional Weapons Checklist NA 01-H1AAA-75, AH-1 Airborne Weapons/ Stores Loading Manual NA 01H1AAA-75-20, Conventional Weapons Checklist AH-1 Aircraft NA 01-AIM9-0, Technical Manual List, Guided Missiles AIM-9 Series, and Training Missiles Maintenance NA 01-AIM9-2, Organizational and Inter- mediate Maintenance with Illustrated	Hard copy	8 each	Nov. 1994

Note: Technical Manuals listed are already on-site. These manuals will be updated with AIM-9M-8 information.

IV.B.4. Technical Manuals (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TECHNICAL MANUAL TITLE AND NUMBER</u>	<u>MEDIUM</u>	<u>QTY. REQ'D</u>	<u>DATE REQ'D</u>
		Parts Breakdown (Fleet), Guided Missile AIM-9 and Training Missiles NA 11-75AIM9-1, Intermediate and Depot Maintenance with Illustrated Parts Breakdown, Sidewinder Missile System, Shipping and Storage Containers, all MKs and Mods			
D-646-0640/ F/A-18 Conventional Weapons Loading	SFWSL/ NAS Cecil Field/47084	A1-F18AC-LWS-000, Airborne Weapons Stores Loading Manual, F-18 Aircraft A1-F18AC-LWS-530, F-18 Aircraft, AIM-9 Missile, Conventional Weapons Checklist	Hard copy	8 each	Nov. 1994
E-646-0640/ F/A-18 Conventional Weapons Loading	SFWSP/ NAS Lemoore/ 35185	A1-F18AC-LWS-000, Airborne Weapons Stores Loading Manual, F-18 Aircraft A1-F18AC-LWS-530, F-18 Aircraft, AIM-9 Missile, Conventional Weapons Checklist	Hard copy	8 each	Nov. 1994
C-122-3111/ Air Launched Guided Missile "I" Maintenance and C-646-4108 Weapons Department General Aviation Ordnance Supervisor and C-646-4109 Weapons Department General Aviation Ordnance	NAMTG MTU 4030/ NAS Mayport/ 66069	NA 01-AIM9-0, Technical Manual List, Guided Missile AIM-9 Series, and Training Missiles Maintenance NA 01-AIM9-2, Organizational and Intermediate Maintenance with Illustrated Parts Breakdown (Fleet), Guided Missile AIM-9 and Training Missiles NA 11-75AIM9-1, Intermediate and Depot Maintenance with Illustrated Parts Breakdown, Sidewinder Missile System, Shipping and Storage Containers, all MKs and Mods NA 11-120-23, Ship Weapon Installation Manual, Guided Missiles AIM-9D/G/H/L/M Sidewinder NA 11-120A-1.2, Airborne Weapons Packaging/ Handling/Storage Shipboard Vol. 2 NA 19-95-1, Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shipboard) NA 19-95-3, Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shore Based)	Hard copy	8 each	Nov. 1994

Note: Technical Manuals listed are already on-site. These manuals will be updated with AIM-9M-8 information.

IV.B.4. Technical Manuals (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TECHNICAL MANUAL TITLE AND NUMBER</u>	<u>MEDIUM</u>	<u>QTY. REQ'D</u>	<u>DATE REQ'D</u>
		NA 19-100-2, USN Handling Equipment Afloat NAVSEA OP-4, Ammunition and Explosives Afloat NAVSEA OP-5, Ammunition and Explosives Ashore NAVSEA OP-2173, Approved Handling Equipment for Weapons and Explosives Vol. I,II			
C-122-3111/ Air Launched Guided Missile "I" Maintenance and C-646-4108 Weapons Department General Aviation Ordnance Supervisor and C-646-4109 Weapons Department General Aviation Ordnance	NAMTG MTU 4032/ NAS Norfolk/ 66046	NA 01-AIM9-0, Technical Manual List, Guided Missile AIM-9 Series, and Training Missiles Maintenance NA 01-AIM9-2, Organizational and Inter- mediate Maintenance with Illustrated Parts Breakdown (Fleet), Guided Mis- sile AIM-9 and Training Missiles NA 11-75AIM9-1, Intermediate and Depot Maintenance with Illustrated Parts Break- down, Sidewinder Missile System, Shipping and Storage Containers, all MKs and Mods NA 11-120-23, Ship Weapon Installation Manual, Guided Missiles AIM-9D/G/H/L/M Sidewinder NA 11-120A-1.2, Airborne Weapons Packaging/ Handling/Storage Shipboard Vol. 2 NA 19-95-1, Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shipboard) NA 19-95-3, Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shore Based) NA 19-100-2, USN Handling Equipment Afloat NAVSEA OP-4, Ammunition and Explosives Afloat NAVSEA OP-5, Ammunition and Explosives Ashore NAVSEA OP-2173, Approved Handling Equipment for Weapons and Explosives Vol. I,II	Hard copy	8 each	Nov. 1994

Note: Technical Manuals listed are already on-site. These manuals will be updated with AIM-9M-8 information.

IV.B.4. Technical Manuals (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TECHNICAL MANUAL TITLE AND NUMBER</u>	<u>MEDIUM</u>	<u>QTY. REQ'D</u>	<u>DATE REQ'D</u>
C-122-3111/ Air Launched Guided Missile "I" Maintenance and C-646-4108 Weapons Department General Aviation Ordnance Supervisor and C-646-4109 Weapons Department General Aviation Ordnance	NAMTG MTU 4033/ NAS North Island/66065	NA 01-AIM9-0, Technical Manual List, Guided Missile AIM-9 Series, and Training Missiles Maintenance NA 01-AIM9-2, Organizational and Inter- mediate Maintenance with Illustrated Parts Breakdown (Fleet), Guided Mis- sile AIM-9 and Training Missiles NA 11-75AIM9-1, Intermediate and Depot Maintenance with Illustrated Parts Break- down, Sidewinder Missile System, Shipping and Storage Containers, all MKs and Mods NA 11-120-23, Ship Weapon Installation Manual, Guided Missiles AIM-9D/G/H/L/M Sidewinder NA 11-120A-1.2, Airborne Weapons Packaging/ Handling/Storage Shipboard Vol. 2 NA 19-95-1, Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shipboard) NA 19-95-3, Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shore Based) NA 19-100-2, USN Handling Equipment Afloat NAVSEA OP-4, Ammunition and Explosives Afloat NAVSEA OP-5, Ammunition and Explosives Ashore NAVSEA OP-2173, Approved Handling Equipment for Weapons and Explosives Vol. I,II	Hard copy	8 each	Nov. 1994
C-646-2010/ AO A1 School	AO "A"School/ NATTC Memphis/ 30459	NA 01-AIM9-0, Technical Manual List, Guided Missile AIM-9 Series, and Training Missiles Maintenance NA 01-AIM9-2, Organizational and Inter- mediate Maintenance with Illustrated Parts Breakdown for Guided Missile	Hard copy	2 each	Nov. 1994

Note: Technical Manuals listed are already on-site. These manuals will be updated with AIM-9M-8 information.

IV.B.4. Technical Manuals (Continued)

<u>COURSE/TYPE</u> <u>OF TRAINING</u>	<u>SCHOOL/</u> <u>LOCATION/UIC</u>	<u>TECHNICAL MANUAL TITLE AND NUMBER</u>	<u>MEDIUM</u>	<u>QTY.</u> <u>REQ'D</u>	<u>DATE</u> <u>REQ'D</u>
		AIM-9 and Training Missiles			
		NA 01-85AD-75, Airborne Weapons Stores/ Loading Manual, EA-6 and KA-6 Systems			
		AV8BB-LWS-000, Airborne Weapons Stores/ Loading Manual, AV-8B Aircraft			
		A1-AV8BB-LWS-530, AV-8B Aircraft, AIM-9 Conventional Weapons Checklist			
		NA 01-F14AAA-75, Airborne Weapons Stores/ Loading Manual, F-14 Aircraft			
		NA 01-F14AAA-75-20, F-14 Aircraft, AIM-9 Missile, Conventional Weapons Checklist			
		A1-F18AC-LWS-000, Airborne Weapons Stores Loading Manual, F-18 Aircraft			
		A1-F18AC-LWS-530, F-18 Aircraft, AIM-9 Missile, Conventional Weapons Checklist			
		NA 01-H1AAA-75, AH-1 Airborne Weapons Stores/Loading Manual			
		NA 01-H1AAA-75-20, Conventional Weapons Checklist AH-1 Aircraft			
		NA 11-75AIM9-1, Intermediate and Depot Maintenance with Illustrated Parts Break- down, Sidewinder Missile System, Shipping and Storage Containers, all MKs and Mods			
		NA 11-120-23, Ship Weapon Installation Manual, Guided Missiles AIM-9D/G/H/L/M Sidewinder			
		NA 11-120A-1.2, Airborne Weapons Packaging/ Handling/Storage Shipboard Vol. 2			
		NA 19-95-1, Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shipboard)			
		NA 19-95-3, Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shore Based)			
		NA 19-100-2, USN Handling Equipment Afloat NAVSEA OP-4, Ammunition and Explosives Afloat			

Note: Technical Manuals listed are already on-site. These manuals will be updated with AIM-9M-8 information.

IV.B.4. Technical Manuals (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TECHNICAL MANUAL TITLE AND NUMBER</u>	<u>MEDIUM</u>	<u>QTY. REQ'D</u>	<u>DATE REQ'D</u>
		NAVSEA OP-5, Ammunition and Explosives Ashore NAVSEA OP-2173, Approved Handling Equipment for Weapons and Explosives Vol. I, II			
A-431-0011/ EOD Phase II (Navy)	NAVSCOLEOD/ NSWC Indian Head/30446	NA 01-40AV/M-75, A-4 Airborne Weapons NA 01-40AV/M-75-20, AIM-9 Weapons Checklist NA 01-85AD-75, Airborne Weapons Stores/ Loading Manual, EA-6 and KA-6 Systems NA 01-45AA-75, Airborne Weapons Stores/ Loading Manual, A-7 Aircraft NA 01-45AA-75-20, A-7 Aircraft, AIM-9 Missile Conventional Weapons Checklist A1-AV8BB-LWS-000, Airborne Weapons Stores/ Loading Manual, AV-8B Aircraft A1-AV8BB-LWS-530, AV-8B Aircraft, AIM-9 Conventional Weapons Checklist NA 01-F14AAA-75, Airborne Weapons Stores/ Loading Manual, F-14 Aircraft NA 01-F14AAA-75-20, F-14 Aircraft, AIM-9 Missile, Conventional Weapons Checklist A1-F18AC-LWS-000, Airborne Weapons Stores Loading Manual, F-18 Aircraft A1-F18AC-LWS-530, F-18 Aircraft, AIM-9 Missile, Conventional Weapons Checklist NA 01-H1AAA-75, AH-1 Airborne Weapons Stores/Loading Manual NA 01-H1AAA-75-20, Conventional Weapons Checklist AH-1 Aircraft	Hard copy	8 each	Sept 1994
G-431-0001/ EOD Pre-deployment Training	EODTEU ONE/ NAS Barbers Point/30202	NA 01-40AV/M-75, A-4 Airborne Weapons Stores NA 01-40AV/M-75-20, AIM-9 Weapons Check List NA 01-85AD-75, Airborne Weapons Stores/ Loading Manual, EA-6 and KA-6 Systems NA 01-45AA-75, Airborne Weapons Stores/ Loading Manual, A-7 Aircraft NA 01-45AA-75-20, A-7 Aircraft, AIM-9 Missile Conventional Weapons Checklist	Hard copy	8 each	Nov. 1994

Note: Technical Manuals listed are already on-site. These manuals will be updated with AIM-9M-8 information.

IV.B.4. Technical Manuals (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TECHNICAL MANUAL TITLE AND NUMBER</u>	<u>MEDIUM</u>	<u>QTY. REQ'D</u>	<u>DATE REQ'D</u>
		A1-AV8BB-LWS-000, Airborne Weapons Stores/ Loading Manual, AV-8B Aircraft A1-AV8BB-LWS-530, AV-8B Aircraft, AIM-9 Conventional Weapons Checklist NA 01-F14AAA-75, Airborne Weapons Stores/ Loading Manual, F-14 Aircraft NA 01-F14AAA-75-20, F-14 Aircraft, AIM-9 Missile, Conventional Weapons Checklist A1-F18AC-LWS-000, Airborne Weapons Stores Loading Manual, F-18 Aircraft A1-F18AC-LWS-530, F-18 Aircraft, AIM-9 Missile, Conventional Weapons Checklist NA 01-H1AAA-75, AH-1 Airborne Weapons Stores/Loading Manual NA 01-H1AAA-75-20, Conventional Weapons Checklist AH-1 Aircraft			
G-431-0001/ EOD Pre-deployment Training	EODTEU TWO/ Fort Story/ 43505	NA 01-40AV/M-75, A-4 Airborne Weapons Stores NA 01-40AV/M-75-20, AIM-9 Weapons Check List NA 01-85AD-75, Airborne Weapons Stores/ Loading Manual, EA-6 and KA-6 Systems NA 01-45AA-75, Airborne Weapons Stores/ Loading Manual, A-7 Aircraft NA 01-45AA-75-20, A-7 Aircraft, AIM-9 Missile Conventional Weapons Checklist A1-AV8BB-LWS-000, Airborne Weapons Stores/ Loading Manual, AV-8B Aircraft A1-AV8BB-LWS-530, AV-8B Aircraft, AIM-9 Conventional Weapons Checklist NA 01-F14AAA-75, Airborne Weapons Stores/ Loading Manual, F-14 Aircraft NA 01-F14AAA-75-20, F-14 Aircraft, AIM-9 Missile, Conventional Weapons Checklist A1-F18AC-LWS-000, Airborne Weapons Stores Loading Manual, F-18 Aircraft	Hard copy	8 each	Nov. 1994

Note: Technical Manuals listed are already on-site. These manuals will be updated with AIM-9M-8 information.

IV.B.4. Technical Manuals (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TECHNICAL MANUAL TITLE AND NUMBER</u>	<u>MEDIUM</u>	<u>QTY. REQ'D</u>	<u>DATE REQ'D</u>
		A1-F18AC-LWS-530, F-18 Aircraft, AIM-9 Missile, Conventional Weapons Checklist NA 01-H1AAA-75, AH-1 Airborne Weapons Stores/Loading Manual NA 01-H1AAA-75-20, Conventional Weapons Checklist AH-1 Aircraft			
D-646-0640 F/A-18 Conventional Weapons Loading and C-646-4107/ Aviation Ordnance Munitions Tech.	NAS Willow Grove PA/ 00158	A1-F18AE-LWS-000, Airborne Weapons/Stores Loading Manual, F/A-18A/B/C/D A1-AIMAA-WUC-800, WUC Manual AIM Series A1-F18AE-LWS-200, Conventional Weapons Basic Release and Control Checklist A1-F18AE-LWS-210, Conventional Air to Air Missile Release and Control Checklist	Hard copy	2 each	Nov. 1994
D-646-0640 F/A-18 Conventional Weapons Loading and C-646-4107/ Aviation Ordnance Munitions Tech.	NAF Washington DC/ 00166	A1-F18AE-LWS-000, Airborne Weapons/Stores Loading Manual, F/A-18A/B/C/D A1-AIMAA-WUC-800, WUC Manual AIM Series A1-F18AE-LWS-200, Conventional Weapons Basic Release and Control Checklist A1-F18AE-LWS-210, Conventional Air to Air Missile Release and Control Checklist	Hard copy	2 each	Nov. 1994
D-646-0640/ F/A-18 Conventional Weapons Loading and C-646-4107/ Aviation Ordnance Munitions Tech.	NAS New Orleans/ LA/00206	A1-F18AE-LWS-000, Airborne Weapons/Stores Loading Manual, F/A-18A/B/C/D A1-AIMAA-WUC-800, WUC Manual AIM Series A1-F18AE-LWS-200, Conventional Weapons Basic Release and Control Checklist A1-F18AE-LWS-210, Conventional Air to Air Missile Release and Control Checklist	Hard copy	2 each	Nov. 1994
C-646-0640/ F/A-18 Conventional Weapons Loading and C-646-4107 Aviation Ordnance Munitions Tech.	NAS Dallas TX/00215	A1-F18AE-LWS-000, Airborne Weapons/Stores Loading Manual, F/A-18A/B/C/D A1-AIMAA-WUC-800, WUC Manual AIM Series A1-F18AE-LWS-200, Conventional Weapons Basic Release and Control Checklist A1-F18AE-LWS-210, Conventional Air to Air Missile Release and Control Checklist	Hard copy	2 each	Nov. 1994

Note: Technical Manuals listed are already on-site. These manuals will be updated with AIM-9M-8 information.

PART V - MAJOR MILESTONES

<u>COG CODE</u>	<u>MANNING AND TRAINING MILESTONES</u>	<u>DATE</u>	<u>REMARKS</u>
PDA	Commence Analysis of Manpower Personnel and Training Requirements	May 86	Complete
PDA	Promulgate Draft NTP to ALCON for Review and Comment	Jan 87	Complete
PDA	Proposed NTP A-50-8105A Submitted to OPNAV	May 87	Complete
DCNO (MPT)	Approve and Promulgate NTP A-50-8105A	Sep 89	Complete
TSA	Factory Training & Curriculum Material Contract Awarded	N/A	Complete
TSA	Commence NTP A-50-8105A Update to A-50-8105B	May 93	Complete
OPTEVFOR	Commence AIM-9M-8 OPEVAL	May 93	Complete
PDA	AIM-9M-8 GCS Retrofit Kit Contract Awarded	FY 94	Complete
TSA	Curricula Materials Delivered	Jan 94	Complete
TSA	Commence AIM-9M-8 Initial Training	Sep 94	Complete
TA	Commence Follow-On/Replacement Training	Oct 95	Complete
PDA	Fleet Introduction	May 95	Complete
DCNO (MPT)	Promulgate Update NTP A-50-8105B.....	Nov 96	

PART VI- ACTIONS AND/OR DECISIONS

A. ACTION ITEM/ACTION REQUIRED COMMAND ACTION DUE DATE STATUS

B. DECISIONS

PART VII - POINTS OF CONTACT

<u>NAME</u>	<u>ORGANIZATION CODE</u>	<u>FUNCTION</u>	<u>LOCATION</u>	<u>TELEPHONE NUMBER (DSN/COMMERCIAL)</u>
LCDR D. Gaddis	N880C7	OPNAV Program Sponsor	CNO	DSN 227/(703) 615-1841
MSGT D. Anderson	N889H2A	OPNAV NTSP Coordinator	CNO	DSN 664/(301) 604-7722
CAPT T. MacKenzie	PMA259	Program Manager AAMS	NAVAIRSYSCOM	DSN 757/(301) 757-7311
COL J. Sutton	PMA259C	Sidewinder Program Manager	NAVAIRSYSCOM	DSN 757/(301) 757-7313
LTCOL R. Martin	PMA259	AIM-9M Program Manager	NAVAIRSYSCOM	DSN 757/(301) 757-7284
Mr. W. Long	PMA205-5	Sidewinder Trng Sys Mgr	NAVAIRSYSCOM	DSN 757/(301) 757-8104
LT J. Matheson	TOPGUN	Instructor/Sidewinder SME	NSAWC	DSN 830/(702) 426-3018
Mr. M. Radonich	486100E	Sidewinder S/E Prog Mgr	NAWCWD PM	DSN 351/(805) 484-6778
Mr. C. Lewis	341000D	Technical Training Support	NAWCWD CL	DSN 469/(619) 939-4623
AOCM W. Carroll	2206	Missile Systems Training	NAMTRAGRU	DSN 922/(904) 452-9787
LT Oliver	Code N-42	EOD Training	NAVSCOLEOD	DSN 354/(301) 743-4341
Mr. P. Szczyglowski	3.4.1	Competency Manager	NAVAIRSYSCOM	DSN 757/(301) 757-9182
AVCM R. Lovern	3.4.1	NTSP Manager	NAVAIRSYSCOM	DSn 757/(301) 757-9183
ATCS D. Butler	3.4.1	Manpower Training Analyst	NAVAIRSYSCOM	DSN 757/(301) 757-9188